Cytoplasmic Tyrosine Kinases

	Kinase	Profiling
ABL	●	●
ABL[E255K]	●	●
ABL[T315I]	●	●
ACK	●	●
ARG	●	●
BLK	●	●
BMX	●	●
BRK	●	●
BTK	●	●
CSK	●	●
FAK	●	●
FER	●	●
FES	●	●
FGR	●	●
FRK	●	●
FYN	●	●
HCK	●	●
ITK	●	●
JAK1	●	●
JAK2	●	●
JAK2 (JH1 JH2)	●	▲
JAK2 (JH1 JH2)[V617F]	●	▲
JAK3	●	●
LCK	●	●
LYNα	●	●
LYNβ	●	●
PYK2	●	●
SRC	●	●
SRM	●	●
SYK	●	●
TEC	●	●
TNK1	●	●
TXK	●	●
TYK2	●	●
YES	●	●
ZAP70	●	●

Pack sizes are 5, 100, 200, 500 and 1000ug.
Bulk production is available upon receipt of purchase order.
Please see Serine/Threonine Kinases on reverse side.

Receptor Tyrosine Kinases

	Kinase	Profiling
ALK	●	●
ALK[C1156Y]	●	▲
ALK[F1174L]	●	●
ALK[L1196M]	●	●
ALK[R1275Q]	●	●
EML4-ALK	●	●
NPM1-ALK	●	●
AXL	●	●
DDR1	●	●
DDR2	●	●
EGFR	●	●
EGFR[d746-750]	●	●
EGFR[d746-750/T790M]	●	●
EGFR[L858R]	●	●
EGFR[L861Q]	●	●
EGFR[T790M]	●	●
EGFR[T790M/L858R]	●	●
EphA1	●	●
EphA2	●	●
EphA3	●	●
EphA4	●	●
EphA5	●	●
EphA6	●	●
EphA7	●	●
EphA8	●	●
EphB1	●	●
EphB2	●	●
EphB3	●	●
EphB4	●	●
FGFR1	●	●
FGFR2	●	●
FGFR3	●	●
FGFR3[K650E]	●	●
FGFR3[K650M]	●	●
FGFR4	●	●
FGFR4[N535K]	●	●
FGFR4[V550E]	●	●
FGFR4[V550L]	●	●

	Kinase	Profiling
FLT1	●	●
FLT3	●	●
FLT4	●	●
FMS	●	●
HER2	●	●
HER4	●	●
IGF1R	●	●
INSR	●	●
IRR	●	●
KDR	●	●
KIT	●	●
KIT[D816V]	●	●
KIT[T670I]	●	●
KIT[V560G]	●	●
KIT[V654A]	▲	●
LTK	●	●
MER	●	●
MET	●	●
MET[Y1235D]	●	●
MUSK	●	●
PDGFRα	●	●
PDGFRα[D842V]	●	▲
PDGFRα[T674I]	●	●
PDGFRα[V561D]	●	●
PDGFRβ	●	●
RET	●	●
RET[G691S]	●	●
RET[M918T]	●	●
RET[S891A]	●	●
RET[Y791F]	●	●
RON	●	●
ROR1	●	▲
ROR2	●	▲
ROS	●	●
TIE2	●	●
TRKA	●	●
TRKB	●	●
TRKC	●	●
TYRO3	●	●

Lipid Kinases

	Kinase	Profiling	
PIK3CA/PIK3R1	●	●	20ug/vial
PIK3CB/PIK3R1	●	▲	20ug/vial
SPHK1	●	●	5ug/vial
SPHK2	▲	●	---

Inactive Kinases

	Kinase	
Erk2	●	50ug/vial
Erk5	●	50ug/vial
JNK1	●	50ug/vial
JNK2 (MAPK9)	●	50ug/vial
MAP2K1	●	50ug/vial
MAP2K6	●	50ug/vial
MAP2K7	●	50ug/vial
p38α	●	50ug/vial

Inactive Mutant Kinases

	Kinase	
Erk2	●	50ug/vial
Erk5	●	50ug/vial
JNK1	●	50ug/vial
MAP2K1	●	50ug/vial
MAP2K6	●	50ug/vial
MAP2K7	●	50ug/vial
p38α	●	50ug/vial

Protein Substrates

	Protein Substrate	
Cofilin2	●	50ug/vial
EIF2S1	●	50ug/vial
Smad1	●	50ug/vial
Smad3	●	50ug/vial

Biotinylated Kinases

	Kinase	
BTN - ABL (ABL1)	●	10, 100ug/vial
BTN - ACTR2B(ACVR2B)	●	10, 100ug/vial
BTN - AKT1	●	10, 100ug/vial
BTN - AKT2	●	10, 100ug/vial
BTN - ALK	●	10, 100ug/vial
BTN - ALK[L1196M] NEW	●	10, 100ug/vial
BTN - AurA (AURKA)	●	10, 100ug/vial
BTN - AXL	●	10, 100ug/vial
BTN - BTK	●	10, 100ug/vial
BTN - DLK (MAP3K12)	●	10, 100ug/vial
BTN - EGFR	●	10, 100ug/vial
BTN - EGFR[T790M/L858R]	●	10, 100ug/vial
BTN - FGFR1	●	10, 100ug/vial
BTN - FGFR3	●	10, 100ug/vial
BTN - FLT3	●	10, 100ug/vial
BTN - FMS (CSF1R)	●	10, 100ug/vial
BTN - FYN	●	10, 100ug/vial
BTN - HER2 (ERBB2)	●	10, 100ug/vial
BTN - IGF1R	●	10, 100ug/vial
BTN - IKKα (CHUK)	●	10, 100ug/vial
BTN - IKKα (CHUK) [inactive mutant]	●	10, 100ug/vial
BTN - IRAK4	●	10, 100ug/vial
BTN - JAK1	●	10, 100ug/vial
BTN - JAK2	●	10, 100ug/vial
BTN - KDR (VEGFR2)	●	10, 100ug/vial
BTN - LCK	●	10, 100ug/vial
BTN - LYNa	●	10, 100ug/vial
BTN - MAP2K1	●	10, 100ug/vial
BTN - MET	●	10, 100ug/vial
BTN - PIK3CA/PIK3R1	●	10, 100ug/vial
BTN - PLK1	●	10, 100ug/vial
BTN - PLK4	●	10, 100ug/vial
BTN - PYK2 (PTK2B)	●	10, 100ug/vial
BTN - RET	●	10, 100ug/vial
BTN - SPHK1	●	10, 100ug/vial
BTN - SRC	●	10, 100ug/vial
BTN - SYK	●	10, 100ug/vial
BTN - TGFβR1 (TGFBR1)	●	10, 100ug/vial
BTN - TNIK	●	10, 100ug/vial
BTN - WNK1	●	10, 100ug/vial

	Kinase	
BTN - WNK4	●	10, 100ug/vial
BTN - TRKA (NTRK1)	●	10, 100ug/vial
BTN - TRKB (NTRK2)	●	10, 100ug/vial
BTN - TRKC (NTRK3)	●	10, 100ug/vial
BTN - TYK2	●	10, 100ug/vial

Kinase

●	Available
●	Available as 5ug only
▲	Under development
	Specification change

Profiling

●	Available at [ATP] Km app.
●	Available at both [ATP] Km app. and 1mM
▲	Under development

	Protein	Profiling (Km app.)	Profiling (1mM)
Cytoplasmic Tyrosine	33	34	34
Receptor Tyrosine	48	73	73
Serine/Threonine	259	201	59
Lipid	3	3	0
	343	**311**	**166**
Biotinylated	**45**		

Updated: 2011/12/19

To learn more, please contact:

Official Agent for Carna Biosciences, Inc. in Europe

Kinase Logistics ApS
Stationsvej 80, DK-5792 Aarslev Denmark

To place an order:
Phone: +45 26 82 37 22
FAX: +45 69 80 37 14
To inquire:
E-mail: Brigitte.Boldyreff@kinaselogistics.dk

Note: Please contact us for availability or further information. Information may be changed without notice.

Kinase Products from Carna Biosciences, Inc.

Serine/Threonine Kinases

	Kinase	Profiling
ACTR2A	●	▲
ACVR2B	●	▲
AKT1	●	●
AKT2	●	●
AKT3	●	●
ALK2 (ACVR1)	●	▲
ALK4 (ACVR1B)	●	▲
AMPKα1/β1/γ1(PRKAA1/B1/G1)	●	●
AMPKα2/β1/γ1(PRKAA2/B1/G1)	●	●
AurA	●	●
AurA (AURKA)/TPX2	▲	●
AurB (AURKB)/INCENP	●	●
AurC (AURKC)	●	●
BARK1 (ADRBK1)	●	▲
BARK2 (ADRBK2)	●	▲
BMPR1A (ALK3)	●	●
BMPR1B	●	▲
BMPR2	●	▲
BRAF	●	●
BRAF[V600E]	●	●
BRAF[T599_V600insT]	●	▲
BRSK1	●	●
BRSK2	●	●
BUBR1 (BUB1B)	●	▲
CAMKK1	●	▲
CAMKK2	●	▲
CaMK1α	●	●
CaMK1β	●	▲
CaMK1δ	●	●
CaMK2α	●	●
CaMK2β	●	●
CaMK2δ	●	●
CaMK2γ	●	●
CaMK4	●	●
CDC2/CycB1	●	●
CDC7/ASK	●	●
CDK2/CycA2	●	●
CDK2/CycE1	●	●
CDK3/CycE1	●	●
CDK4/CycD3	●	●
CDK5/p25	●	●
CDK6/CycD3	●	●
CDK7/CycH/MAT1	●	●
CDK8/CycC	●	▲
CDK9/CycT1	●	●
CDK11(CDC2L6)/CycC	●	▲
CGK2 (PRKG2)	●	●
CHAK1 (TRPM7)	●	▲
CHK1	●	●
CHK2	●	●
CK1α (CSNK1A1)	●	●
CK1δ	●	●
CK1ε (CSNK1E)	●	●
CK1γ1 (CSNK1G1)	●	●
CK1γ2 (CSNK1G2)	●	●
CK1γ3 (CSNK1G3)	●	●
CK2α1/β (CSNK2A1/B)	●	●
CK2α2/β (CSNK2A2/B)	●	●
CLK1	●	●
CLK2	●	●
CLK3	●	●
CLK4	●	▲
COT (MAP3K8)	●	●
CRIK	●	●
DAPK1	●	●
DAPK3	●	▲
DCAMKL1	●	▲
DCAMKL2	●	●
DLK (MAP3K12)	●	●
DMPK1 (DMPK)	●	▲
DMPK2 (CDC42BPG)	●	▲
DRAK1 (STK17A)	●	▲
DYRK1A	●	●
DYRK1B	●	●
DYRK2	●	●
DYRK3	●	●
DYRK4	●	▲
EEF2K	●	●
Erk1 (MAPK3)	●	●
Erk2 (MAPK1)	●	●
Erk5 (MAPK7)	●	●
Erk7 (MAPK15)	●	▲
GCN2 (EIF2AK4)	●	▲
GPRK4 (GRK4)	●	▲
GPRK6 (GRK6)	●	▲
GPRK7 (GRK7)	●	▲
GSK3α	●	●
GSK3β	●	●
Haspin (GSG2)	●	●
HGK (MAP4K4)	●	●

	Kinase	Profiling
HH498 (TNNI3K) NEW	●	▲
HIPK1	●	●
HIPK2	●	●
HIPK3	●	●
HIPK4	●	●
HRI (EIF2AK1)	●	▲
ICK	●	▲
IKKα	●	●
IKKβ	●	●
IKKε (IKBKE)	●	●
IRAK1	●	●
IRAK4	●	●
JNK1 (MAPK8)	●	●
JNK2 (MAPK9)	●	●
JNK3 (MAPK10)	●	●
LATS1	●	▲
LATS2	●	●
LIMK1	●	●
LIMK2	●	▲
LKB1	●	●
LOK	●	●
LRRK2	●	▲
LRRK2[G2019S]	●	▲
LZK (MAP3K13)	●	▲
MAP2K1	●	●
MAP2K1[P124L]	●	▲
MAP2K2	●	●
MAP2K3	●	●
MAP2K4	●	●
MAP2K5	●	●
MAP2K6	●	●
MAP2K7	●	●
MAP3K1	●	●
MAP3K2	●	●
MAP3K3	●	●
MAP3K4	●	●
MAP3K5	●	●
MAP3K6	●	▲
MAP3K14	●	▲
MAP4K2	●	●
MAPKAPK2	●	●
MAPKAPK3	●	●
MAPKAPK5	●	●
MARK1	●	●
MARK2	●	●
MARK3	●	●
MARK4	●	●
MELK	●	●
MGC42105	●	●
MINK (MINK1)	●	●
MLK1 (MAP3K9)	●	●
MLK2 (MAP3K10)	●	●
MLK3 (MAP3K11)	●	●
MNK1 (MKNK1)	●	●
MNK2 (MKNK2)	●	●
MOS	●	●
MRCKα (CDC42BPA)	●	●
MRCKβ (CDC42BPB)	●	●
MSK1 (RPS6KA5)	▲	●
MSK2 (RPS6KA4)	●	●
MSSK1 (STK23)	●	●
MST1 (STK4)	●	●
MST2 (STK3)	●	●
MST3 (STK24)	●	●
MST4	●	●
MYT1 (PKMYT1)	●	▲
NDR1 (STK38)	●	●
NDR2 (STK38L)	●	●
NEK1	●	●
NEK2	●	●
NEK3	●	▲
NEK4	●	●
NEK6	●	●
NEK7	●	●
NEK9	●	●
NEK11	●	▲
NLK	●	▲
NuaK1	●	●
NuaK2	●	●
OSR1 (OXSR1)	●	▲
p38α (MAPK14)	●	●
p38β (MAPK11)	●	●
p38γ (MAPK12)	●	●
p38δ (MAPK13)	●	●
p70S6K	●	●
p70S6Kβ	▲	●
PAK1	●	●
PAK2	●	●
PAK3	●	●
PAK4	●	●
PAK5	●	●

	Kinase	Profiling
PAK6	●	●
PASK	●	●
PBK	●	●
PCTAIRE1 (PCTK1)	●	▲
PDK1 (PDPK1)	▲	●
PDHK1 (PDK1)	●	▲
PDHK2 (PDK2)	●	●
PDHK3 (PDK3)	●	▲
PDHK4 (PDK4)	●	●
PEK (EIF2AK3)	●	●
PGK (PRKG1)	●	●
PHKG1	●	●
PHKG2	●	●
PIM1	●	●
PIM2	●	●
PIM3	●	●
PKACα	●	●
PKACβ	●	●
PKACγ	●	●
PKCα (PRKCA)	●	●
PKCβ1 (PRKCB1)	●	●
PKCβ2 (PRKCB2)	●	●
PKCγ (PRKCG)	●	●
PKCδ (PRKCD)	●	●
PKCε (PRKCE)	●	●
PKCζ (PRKCZ)	●	●
PKCη (PRKCH)	●	●
PKCθ (PRKCQ)	●	●
PKCι (PRKCI)	●	●
PKD1 (PRKD1)	●	●
PKD2 (PRKD2)	●	●
PKD3 (PRKD3)	●	●
PKN1	●	●
PKN2	●	▲
PKN3	●	▲
PKR (EIF2AK2)	●	●
PLK1	●	●
PLK2	●	●
PLK3	●	●
PLK4	●	●
PRKX	●	●
QIK (SNF1LK2)	●	●
RAF1	●	●
RIPK2	●	▲
ROCK1	●	●
ROCK2	●	●
RSK1 (RPS6KA1)	●	●
RSK2 (PRS6KA3)	●	●
RSK3 (RPS6KA2)	●	●
RSK4 (RPS6KA6)	●	●
SGK	●	●
SGK2	●	●
SGK3	●	●
SIK (SNF1LK)	●	●
skMLCK (MYLK2)	●	●
smMLCK (MYLK)	●	▲
SLK	●	●
SRPK1	●	●
SRPK2	●	●
SSTK (TSSK6)	●	▲
STK33	●	▲
STLK3 (STK39)	●	▲
TAK1-TAB1 (MAP3K7)	●	●
TAOK2	●	●
TAOK3	●	▲
TBK1	●	●
TESK1	●	▲
TGFβR1 (TGFBR1)	●	▲
TGFβR2 (TGFBR2)	●	▲
TNIK	●	●
TSSK1	●	●
TSSK2	●	●
TSSK3	●	●
TTBK1	●	▲
TTBK2	●	▲
TLK1	●	▲
TLK2	●	▲
TTK	●	●
ULK3	●	▲
VRK1	●	▲
VRK2	●	▲
WEE1	●	●
WNK1	●	●
WNK2	●	●
WNK3	●	●
WNK4	●	▲
YSK1	●	▲
ZAK	●	▲

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