

A

ceKIN-29	YDVGRAIGKGNFATVRIARHKIAKTKVAIKSIDVSAIDRENLIKLEREVKIVKVI
rSalt-Ind Kinase	YDVERTLGKGNFAVVKLARHRVTKTQVAIKIIDKTRLDSSNLEKIYREVQIMKLL
CG4290	YDIERTIGKGNFAVVKLARHRI TKNEVAIKIIDKSOLDQTNLOKVYREVEIMKRL
mEMK	YRLKLTIGKGNFAKVKLARHILTGKEVAVKIIDKTQLNSSSLQKLFREVIRIMKVL

ceKIN-29	DHPHIVKSYEIMRVDNMLYIVSEYCSSGELYETLIEKGRVAENVARKWFSETASA
rSalt-Ind Kinase	NHPNIIKLYQVMETKDMLYIVTEFAKNGE MFDYLT SNHLSENEARKKFWQILSA
CG4290	KHPHIIKLYQVMETKNMIYIVSEYASQGEIFDYIAKYGRMSESAARFKFWQIIISA
mEMK	NHPNIVKLF EVIET EKTLYLVMEYASGGEVFDYLVAHGRMKEKEARAKFRQIVLH

ceKIN-29	VAYLHSQGI VHRDLKAENILLGKNSNIKIIDFGFSSNFQTGDQLLNTWCGSPPYAA
rSalt-Ind Kinase	VEYCHNHHI VHRDLKTENLLLDGNMDIKLADFGFGNFYKPGEP LSTWCGSPPYAA
CG4290	VEYCHKKGI VHRDLKAENLLLDLNMNIKIADFGFSSNHFKPGEL LATWCGSPPYAA
mEMK	VOYCHQKFI VHRDLKAENLLLDADMNIKIADFGFSSNEFTFGNKLDTF CGSPPYAA

ceKIN-29	PELLLGNSYDGMKADIWSMGVLLYILVAGGFPPPSDSVNKLKRSVLSGLVKIPYW
rSalt-Ind Kinase	PEVFEGKEYEGPOLDIWSLGVVLYVLVCGSLPFDGPNLPTLRQRVLEGRFRIPFF
CG4290	PEVFEGKQYTGPEIDIWSLGVVLYVLVCGALPFDGSTLQSLRDRVLSGRFRIPFF
mEMK	PELFQGGKIDGPEVDVWSLGVILYTLVSGSLPFDGQNLKELRERVLRGKYRIPFY

ceKIN-29	VSVECADFIRKMLVLNPGKRYTIGNVLOHRWM
rSalt-Ind Kinase	MSODCETLIRRMVLVDPAKRITIAQIROHRWM
CG4290	MSSECEHLIRRMVLLEPTRRYTIDQIKRHRWM
mEMK	MSTD CENLLKKFLILNPSKRG TLEQIMKDRWM

B

