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Product datasheet for PH323307

MAP3K15 (NM_001001671) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MAP3K15 MS Standard C13 and N15-labeled recombinant protein (NP_001001671)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223307
Predicted MW:	89.4 kDa
Protein Sequence:	>RC223307 representing NM_001001671 Red=Cloning site Green=Tags(s) MACLTHRNETDARMEFYSLFHKGNKAGVQWHDLGSLQPLPPRFKRFSCLSLQSSWDYSLSKFDERCCFLY VHDNSDDFQIYFSTEEQCSRFFSLVKEMITNTAGSTVELEGETDGDTLEYEYDHDANGERVVLGKGTYGI VYAGRDLSNQVRIAIKEIPERDSRYSQPLHEEIALHKYLKHRNIVQYLGSVSENGYIKIFMEQVPGGSLS ALLRSKWGPMKEPTIKFYTKQILEGLKYLHENQIVHRDIKGDNVLVNTYSGVVKISDFGTSKRLAGVNPC TETFTGTLQYMAPEIIDQGPRGYGAPADIWSLGCTIIEMATSKPPFHELGEPQAAMFKVGMFKIHPEIPE ALSAEARAFILSCFEPDPHKRATTAELLREGFLRQVNKGKKNRIAFKPSEGPRGVVLALPTQGEPMATSS SEHGSVSPDSDAQPDALFERTRAPRHHLGHLLSVPDESSALEDRGLASSPEDRDQGLFLLRKDSERRAIL YKILWEEQNQVASNLQECVAQSSEELHLSVGHIKQIIGILRDFIRSPEHRVMATTISKLKVDLDFDSSSI SQIHLVLFGFQDAVNKILRNHLIRPHWMFAMDNIIRRAVQAAVTILIPELRAHFEPTCETEGVDKDMDEA EEGYPPATGPGQEAQPHQQHLSLQLGELRQETNRLLEHLVEKEREYQNLLRQTLEQKTQELYHLQLKLKS NCITENPAGPYGQRTDKELIDWLRLQGADAKTIEKIVEEGYTLSDILNEITKEDLRYLRLRGGLLCRLWS AVSQYRRAQEASETKDKA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001001671

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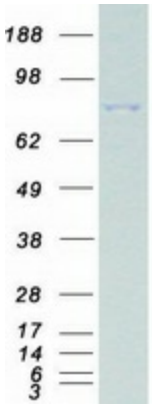
RefSeq Size:	4633
RefSeq ORF:	2364
Synonyms:	ASK3; bA723P2.3
Locus ID:	389840
UniProt ID:	Q6ZN16
Cytogenetics:	Xp22.12
Summary:	The protein encoded by this gene is a member of the mitogen-activated protein kinase (MAPK) family. These family members function in a protein kinase signal transduction cascade, where an activated MAPK kinase kinase (MAP3K) phosphorylates and activates a specific MAPK kinase (MAP2K), which then activates a specific MAPK. This MAP3K protein plays an essential role in apoptotic cell death triggered by cellular stresses. [provided by RefSeq, Jul 2010]
Protein Families:	Druggable Genome, Protein Kinase

Product images:



Coomassie blue staining of purified MAP3K15 protein (Cat# [TP323307]). The protein was produced from HEK293T cells transfected with MAP3K15 cDNA clone (Cat# [RC223307]) using MegaTran 2.0 (Cat# [TT210002]).