

Product datasheet for PH302668

MAP3K12 binding inhibitory protein 1 (MBIP) (NM_016586) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MBIP MS Standard C13 and N15-labeled recombinant protein (NP_057670)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202668
Predicted MW:	39.3 kDa
Protein Sequence:	>RC202668 protein sequence Red=Cloning site Green=Tags(s) MAAATEHNRPSSGDRNLERRCSPNLSREVLVEIFRSLHTLVGQLDRDDVVKITIDWNKLSLQSLSAFQPAL LFSALEQHILYLQPFLAKLQSPIKEENTTAVEEIGRTEMGNKNEVNDKFSIGDLQEEKHKESDLRDVKK TQIHFDPEVVQIKAGKAEIDRRISAFIERKQAEINENNVREFCNVIDCNQENSCARTDAIFTPYPGFKSH VKVSRVVYTYGPQTRPEGIPGSGHKPNMLRDCGNQAVEERLQNI EAHLRLQTGGPVPVDIYQRIKKLED KILELEGISPEYFQSVSFGKRRKVPQPPQNYSLAELDEKISALKQALLRKSREAESMATHHLP 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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_057670
RefSeq Size:	1661
RefSeq ORF:	1032
Locus ID:	51562
UniProt ID:	Q9NS73 , B2RCV0

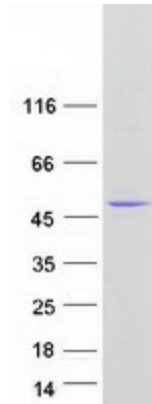


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Cytogenetics: 14q13.3

Summary: Inhibits the MAP3K12 activity to induce the activation of the JNK/SAPK pathway. Component of the ATAC complex, a complex with histone acetyltransferase activity on histones H3 and H4.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified MBIP protein (Cat# [TP302668]). The protein was produced from HEK293T cells transfected with MBIP cDNA clone (Cat# [RC202668]) using MegaTran 2.0 (Cat# [TT210002]).