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DATA SHEET

MAP3K12 Binding Inhibitory Protein 1 Human Recombinant

Item Number	rAP-4088
Synonyms	MAP3K12 binding inhibitory protein 1, MAPK upstream kinase-binding inhibitory protein, MUK-binding inhibitory protein, MBIP.
Description	MBIP Human Recombinant produced in E. coli is a single polypeptide chain containing 367 amino acids (1-344) and having a molecular mass of 41.7kDa. MBIP is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q9NS73
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAAATEL NRPSSGDRNL ERRCRPNLSR EVLYEIFRSL HTLVGQLDLR DDVVKITIDW NKLQSLSAFQ PALLFSALEQ HILYLQPFLA KLQSPIKEEN TTAVEEIGRT EMGNKNEVND KFSIGDLQEE EKHKESDLRD VKKTQIHFDP EVVQIKAGKA EIDRRISAFI ERKQAEINEN NVREFCNVID CNQENSCART DAIFTPYPGF KSHVKVSRVV NTYGPQTRPE GIPGSGHKPN SMLRDCGNQA VEERLQNIEA HLRLQTGGPV PRDIYQRIKK LEDKILELEG ISPEYFQSVS FSGKRR-KVQP PQQNYSLAEL DEKISALKQA LLRKSREAES MATHHLP.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	The MBIP solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea. Greater than 85% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only