

Recombinant human MBIP, His-tagged

Cat. No. MBIP-2464H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MBIP protein, fused to His-tag at N-terminus, was expressed in E.coli
Species	Human
Source	E.coli
Description	MBIP inhibits the MAP3K12 activity to induce the activation of the JNK/SAPK pathway. This protein is a component of the ATAC complex, a complex with histone acetyltransferase activity on histones H3 and H4.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
Molecular Mass	41.7kDa (367aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAAATEL NRPSSGDRNL ERRCRPNLSR EVLVEIFRSL HTLVGQLDLR DDVVKITIDW NKLQSLSAFQPALLFSALEQ HILYLQPFLA KLQSPIKEEN TTAVEEIGRT EMGNKNEVND KFSIGDLQEE EKHKESDLRD VKKTQIHFDV EVVQIKAGKA EIDRRISAFI ERKQAEINEN NVREFCNVID CNQENSCART DAIFTPYPGF KSHVKVSRV NTYGPQTRPE GIPGSGHKPN SMLRDCGNQAVEERLQNI EA HLRLQTGGPV PRDIYQRIKK LEDKILELEG ISPEYFQSVS FSGKRRKVQP PQQNYSLAEL DEKISALKQA LLRKSREAES MATHHLP
Purity	>85 % by SDS - PAGE

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Applications	SDS-PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	1.0 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	MBIP MAP3K12 binding inhibitory protein 1 [Homo sapiens]
Official Symbol	MBIP
Synonyms	MBIP; MAP3K12 binding inhibitory protein 1; MAP3K12-binding inhibitory protein 1; MUK-binding inhibitory protein; MAPK upstream kinase-binding inhibitory protein;
Gene ID	51562
mRNA Refseq	NM_001144891
Protein Refseq	NP_001138363
MIM	609431
UniProt ID	Q9NS73
Chromosome Location	14q13.2
Function	identical protein binding; protein binding; protein kinase inhibitor activity;

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