

MBIP, 1-344aa, Human, His tag, E.coli

Cat.NO.: TP02922

3th Edition

Synonyms:MAP3K12-binding inhibitory protein 1 isoform 1, MAP3K12 binding inhibitory protein 1

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. Recombinant human MBIP protein, fused to His-tag at N-terminus, was expressed in E.coli

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing , 10% glycerol, 0.4M Urea

Molecular Weight:41.7kDa (367aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMAAATELNRPSSGDRNLERRCRPNLSREVLIEIFRSLHTLVGQLDLRDDVV
KITIDWNKLQSLSAFQPALLFSALEQHILYLQPFLAKLQSPIKEENTTAVEEIGRTEMGNKNEVNDKFSIGDLQEEEEKH
KESDLRDVKKTKIHFDPPEVVQIKAGKAEIDRRISAFIERKQAEINENNREFCVIDCNQENSCARTDAIFTPYPGFKS
HVKVSRRVVNTYGPQTRPEGIPGSGHKPNSMLRDCGNQAVEERLQNI EAHLRLQTGGPVPRDIYQRIKKLEDKILELE
GISPEYFQSVSFSGKRRKVQPPQQNYSLAELDEKISALKQALLRKSREAESMATHHLP

Purity:> 95% by HPLC

Concentration:1.0 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.