

## 32-4180: Recombinant Human MAP3K12 Binding Inhibitory Protein 1

**Alternative Name :** MAP3K12 binding inhibitory protein 1,MAPK upstream kinase-binding inhibitory protein,MUK-binding inhibitory protein,MBIP.

### Description

Source : Escherichia Coli. 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. MAP3K12 Binding Inhibitory Protein 1 (MBIP) is a part of the ATAC complex which consists of histones H3 and H4 with a histone acetyltransferase activity. MBIP inhibits the MAP3K12 activity in order to induce the activation of the JNK/SAPK pathway.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 85% as determined by SDS-PAGE.  
**Content :** The MBIP solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSMAAATEL NRPSSGDRNL ERRCRPNLSR EVLYEIFRSL  
HTLVGQLDLR DDVVKITIDW NKLQSLSAFQ PALLFSALEQ HILYLQPFLA KLQSPIKEEN TTAVEEIGRT  
EMGNKNEVND KFSIGDLQEE EKHKESDLRD VKKTQIHFDV EVVQIKAGKA EIDRRISAFI ERKQAEINEN  
NVREFCNVID CNQENSCART DAIFTPYPGF KSHVKVSRVV NTYGPQTRPE GIPGSGHKPN SMLRD CGNQA  
VEERLQNIEA HLRLOTGGPV PRDIYQRIKK LEDKILELEG ISPEYFQSVS FSGKRRKVQP PQQNYSLAEL  
DEKISALKQA LLRKSREAES MATHHLP.

