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## Recombinant human MBIP protein

Catalog Number: ATGP2464

#### **PRODUCT INFORMATION**

#### **Expression system**

E.coli

#### **Domain**

1-344aa

#### UniProt No.

**09NS73** 

#### **NCBI Accession No.**

NP 057670

#### **Alternative Names**

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

### **PRODUCT SPECIFICATION**

#### **Molecular Weight**

41.7 kDa (367aa)

#### Concentration

1mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing, 10% glycerol, 0.4M urea

#### **Purity**

> 85% by SDS-PAGE

#### Tag

His-Tag

#### **Application**

SDS-PAGE, Denatured

#### **Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

#### **BACKGROUND**

#### **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

#### **Amino acid Sequence**

MGSSHHHHHH SSGLVPRGSH MGSMAAATEL NRPSSGDRNL ERRCRPNLSR EVLYEIFRSL HTLVGQLDLR DDVVKITIDW NKLQSLSAFQ PALLFSALEQ HILYLQPFLA KLQSPIKEEN TTAVEEIGRT EMGNKNEVND KFSIGDLQEE EKHKESDLRD



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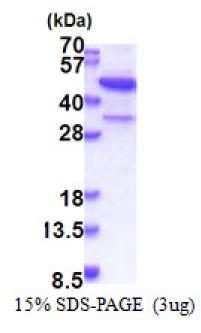
VKKTQIHFDP EVVQIKAGKA EIDRRISAFI ERKQAEINEN NVREFCNVID CNQENSCART DAIFTPYPGF KSHVKVSRVV NTYGPQTRPE GIPGSGHKPN SMLRDCGNQA VEERLQNIEA HLRLQTGGPV PRDIYQRIKK LEDKILELEG ISPEYFQSVS FSGKRRKVQP PQQNYSLAEL DEKISALKQA LLRKSREAES MATHHLP

#### **General References**

Guelman S., Kozuka K. et al. (2009). Mol. Cell. Biol. 29:1176-1188

### **DATA**

#### **SDS-PAGE**



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

