

Recombinant human MBIP protein

Catalog Number: ATGP2464

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-344aa

UniProt No.

Q9NS73

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

Recombinant human MBIP protein

Catalog Number: ATGP2464

VKKTQIHFDPEV VVQIKAGKA EIDRRISAFI ERKQAEINEN NVREFCNVID CNQENSCART DAIFTPYPGF KSHVKVSRVV
NTYGPQTRPE GIPGSGHKPN SMLRDCGNQA VEERLQNI EA 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.

