Product Name: Recombinant Human MBIPP (N-6His)
Catalog #: PEH1137

Summary

Name	MBIP/MAP3K12-binding inhibitory protein 1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human MAP3K12-Binding Inhibitory Protein 1 is produced by our E.coli expression system and the target gene encoding Met1-Pro344 is expressed with a 6His tag at the N-terminus.
Accession #	Q9NS73
Host	E.coli
Species	Human
Predicted Molecular Mass	42.51 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, pH 8.0.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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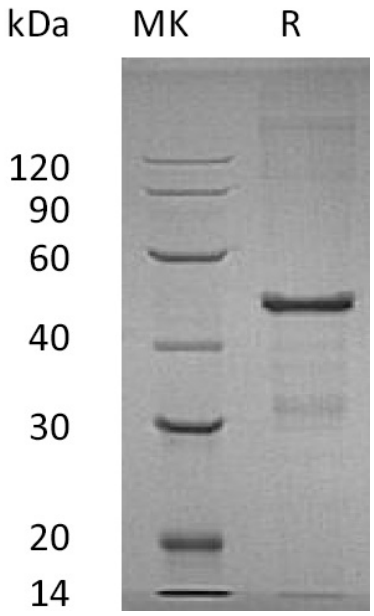

Alternative Names

MAP3K12-Binding Inhibitory Protein 1; MAPK Upstream Kinase-Binding Inhibitory Protein; MUK-Binding Inhibitory Protein; MBIP

Background

MAP3K12-binding inhibitory protein 1 (MBIP) is a 39kD protein high expression in the heart and lung. It is a component of the ADA2A-containing complex (ATAC) complex, a complex with histone acetyltransferase activity on histones H3 and H4, and composed of CSRP2BP, KAT2A, TADA2L, TADA3L, ZZ3, MBIP, WDR5, YEATS2, CCDC101 and DR1. In the complex, it probably interacts directly with KAT2A, CSRP2BP and WDR5. It' s function to inhibit the MAP3K12 activity to induce the activation of the JNK/SAPK pathway.

Note

For Research Use Only , Not for Diagnostic Use.