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Datasheet for ABIN7318766 MBIP Protein (His tag)

Overview

Quantity:	50 µg
Target:	MBIP
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This MBIP protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human MBIP Protein (His Tag)
Sequence:	Met 1-Pro344
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	MBIP
Alternative Name:	MBIP (MBIP Products)
Background:	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

Target Details

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.

Synonym: MAP3K12-Binding Inhibitory Protein 1, MAPK Upstream Kinase-Binding Inhibitory Protein, MUK-Binding Inhibitory Protein, MBIP

Molecular Weight: 42.5 kDa

UniProt: [Q9NS73](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM Tris, pH 8.0.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.