



Recombinant Protein Technical Manual

Recombinant Human MBIP Protein (His Tag)

RPES4329

Product Data:

Product SKU: RPES4329

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: Q9NS73

Protein Information:

Molecular Mass: 42.5 kDa

AP Molecular Mass: 50 kDa

Tag: N-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: 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.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM Tris, pH8.0.

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

Application:

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

Immunogen Information:

Sequence: Met 1-Pro344

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.