

## 32-8092: Recombinant Human MAP3K12-Binding Inhibitory Protein 1/MBIP (N-6His)

**Gene :** MBIP  
**Gene ID :** 51562  
**Uniprot ID :** Q9NS73

### Description

Source: E.coli.  
MW :42.51kD.

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. 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM Tris, pH8.0.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** MGSSHHHHHHSSGLVPRGSHMAAATEHNRPSGDRNLERRCSPNLSREVLVEIFRSLHTLVGQLDLRDDVVKI  
TIDWNKLQSLSAFQPALLFSALEQHILYLQPFLAKLQSPIKEENTTAVEEIGRTEMGNKNEVNDKFSIGDLQEEEK  
HKESDLRDVKKTIHFDPVVQIKAGKAEIDRRISAFIERKQAEINENNREFCNVIDCNQENSCARTDAIFTPYP  
GFKSHVKVSRVVYTYGPQTRPEGIPGSGHKPNSMLRDCGNQAVEERLQNIHAHLRLQTGGPVPRDIYQRIKLE  
DKILELEGISPEYFQSVSFSGKRRKVQPPQNYSLAELDEKISALKQALLRKSREAESMATHHLPLEHHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.