

Product Data Sheet

Recombinant Human MBIP Protein

Catalog #	Source	Reactivity	Applications
CRP1945	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human MBIP Protein 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.		
Form	Lyophilized from a 0.2 µM filtered solution of 20mM Tris, pH 8.0.		
Gene Symbol	MBIP		
Alternative Names	MAP3K12-binding inhibitory protein 1; MAPK upstream kinase-binding inhibitory protein; MUK-binding inhibitory protein		
Entrez Gene	51562 (Human)		
SwissProt	Q9NS73 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MGSSHHHHHH SSGLVPRGSH MAAATEHNRP SSGDRNLERR CSPNLSREVL YEIFRSLHTL VGQLDLRDDV VKITIDWNKL QLSAFQPAL LFSALEQHIL YLQPFLAKLQ SPIKEENTTA VEEIGRTEMG NKNEVNDKFS IGDLEEEKH KESDLRDVKK TQIHFDPEVV QIKAGKAEID RRISAFIERK QAEINENNVR EFCNVIDCNQ ENSCARTDAI FTPYPGFKSH VKVSRVVYTY GPQTRPEGIP GSGHKPNSML RDCGNQAVEE RLQNIEAHLR LQTGGPVPRD IYQRIKKLED KILELEGISP EYFQSVSFSG KRRKVQPPQQ NYSLAELDEK ISALKQALLR KSREAESMAT HHLPLEHHHH HH		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	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 1X PBS. Please aliquot the reconstituted solution to minimize		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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