

Recombinant Human MIB1 Protein (5-332 aa), His-tagged

Cat. No. MIB1-1257H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MIB1 Protein (5-332 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	5-332 aa
Description	E3 ubiquitin-protein ligase that mediates ubiquitination of Delta receptors, which act as ligands of Notch proteins. Positively regulates the Delta-mediated Notch signaling by ubiquitinating the intracellular domain of Delta, leading to endocytosis of Delta receptors. Probably mediates ubiquitination and subsequent proteasomal degradation of DAPK1, thereby antagonizing anti-apoptotic effects of DAPK1 to promote TNF-induced apoptosis . Involved in ubiquitination of centriolar satellite CEP131, CEP290 and PCM1 proteins and hence inhibits primary cilium formation in proliferating cells. Mediates 'Lys-63'-linked polyubiquitination of TBK1, which probably participates in kinase activation. ¹ Publication.
Form	Tris-based buffer,50% glycerol
Molecular Mass	40.1 kDa
AA Sequence	RNNRVMVEGVGARVVRGPDWKWGWKQDGGEGHVGTVRSFESPEEVVVWDNGTA

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ANYRCSGAYDLRILDSAPTGIKHDGTMCDTCRQQPIIGIRWKCAECTNYDLCTVCYH
GDKHHLRHRFYRITTPGSEVLLSRKSKKITARGIFAGARVVRGVDWQWEDQDG
GNGRRGKVTEIQDWSASSPHSAAYVLWDNGAKNLYRVGFEGMSDLKCVQDAKGG
SFYRDHCPVLGEQNGNRNPGGLQIGDLVNIDLDLEIVQSLQHGHGGWTDGMFETLT
TTGTVCGIDEDHDIVVQYPSGNRWTFNPAVLTKANIVRSGDAAQGAEGGTSQ

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name MIB1 mindbomb E3 ubiquitin protein ligase 1 [Homo sapiens]

Official Symbol MIB1

Synonyms MIB1; DIP 1; KIAA1323; MIB; ZZANK2; ZZZ6; DIP-1; FLJ90676; MGC129659; MGC129660; DKFZp686I0769; DKFZp761M1710;

Gene ID 57534

mRNA Refseq NM_020774

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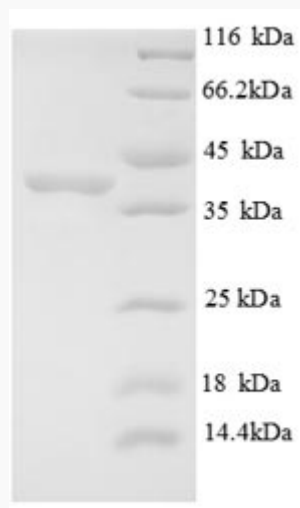
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Protein Refseq NP_065825

MIM 608677

UniProt ID Q86YT6



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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