

Active Recombinant Full Length Human MIB1 Protein, C-Flag-tagged

Cat. No. MIB1-124HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human MIB1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a protein containing multiple ankyrin repeats and RING finger domains that functions as an E3 ubiquitin ligase. The encoded protein positively regulates Notch signaling by ubiquitinating the Notch receptors, thereby facilitating their endocytosis. This protein may also promote the ubiquitination and degradation of death-associated protein kinase 1 (DAPK1).
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Bio-activity	In vitro ubiquitination assay
Molecular Mass	110 kDa
AA Sequence	MSNSRNNRVMVEGVGARVVVRGPDWKWGKQDGGEGHVGTVRSFESPEEVVVVW DNGTAANYRCSGAYDLRI LDSAPTGIKHDGTMCDTCRQQPIIGIRWKCAECTNYDL CTVCYHGDKHHLRHRYRITTPGSERVLLSR RSKKITARGIFAGARVVVRGVDWQ WEDQDGGNGRRGKVTEIQDWSASSPHSAAYVLWDNGAKNLYRVGFE GMSDLKC VQDAKGGSFYRDHCPVLGEQNGNRNPGGLQIGDLVNIDLDLEIVQSLQHGHHGGWT

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DGMFETLT TTGTVCGIDEDHDIVVQYPSGNRWTFNPAVLTKANIVRSGDAAQGAEG
 GTSQFQVGDLVQVCYDLERIKL LQRGHGEWAEAMLPTLGKVGRVQQIYSDSDLKV
 EVCGTSWTYNPAAVSKVASAGSAISNASGERLSQLLK KLFETQESGDLNEELVKAA
 ANGDVAKVEDLLKRPDVDVNGQCAGHTAMQAASQNGHVDILKLLKQNV DV EAED
 KDGDRAVHHAAGDEGAVIEVLHRGSADLNARNKRRQTPHIAVNKGHLQVVKTL
 DFGCHPSLQD SEGDTPLHDAISKRRDDILAVLLEAGADVTITNNNGFNALHHAALRG
 NPSAMRVLLSKLPRPWIVDEKDD DGYTALHLAALNNHVEVAELLVHQGNANLDIQN
 VNQQTALHLAVERQHTQIVRLLVRAGAKLDIQDKDGD TPLHEALRHHTLSQLRQLQ
 DMQDVGVKVDAAWEPSKNTLIMGLGTQGAEEKSAASIACFLAANGADLSIRN KKGQS
 PLDLCPDPNLCKALAKCHKEKVSGQVGSRSPSMISNDSETLEECMVCSMDMKRDTLF
 GPCGHIATC SLCSRVKKCLICKEQVQSRTKIEECVVCSDKKAAVLFQPCGHMCAC
 ENCANLMKKCVQCRAVVERRVPF IMCCGGKSSSEDATDDISSGNIPVLQDKDNTNV
 NADVQKLQQQLQDIKEQTMCPVCLDRLKNMIFLCGHG
 TCQLCGDRMSECPICRKAIERRILLYTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

Gene Name MIB1 MIB E3 ubiquitin protein ligase 1 [Homo sapiens (human)]

Official Symbol MIB1

Synonyms MIB; DIP1; ZZZ6; DIP-1; LVNC7; ZZANK2

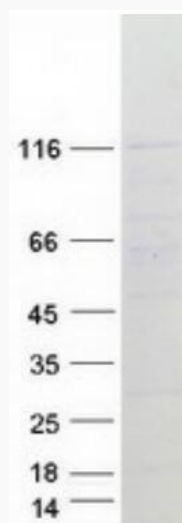
Gene ID 57534

mRNA Refseq NM_020774.4

Protein Refseq NP_065825.1

MIM 608677

UniProt ID Q86YT6



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Coomassie blue staining of purified MIB1 protein.

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