

Recombinant Human MIB1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MIB1-1353H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MIB1 MS Standard C13 and N15-labeled recombinant protein (NP_065825) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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).
Molecular Mass	110 kDa
AA Sequence	MSNSRNNRVMVEGVGARVVRGPDWKWGKQDGGEGHVGTVRSFESPEEVVVVW DNGTAANYRCSGAYDLRILDSAPTGIKHDGTMCDTCRQQPIIGIRWKCAECTNYDLC TVCYHGDKHHLRHRFYRITTPGSEVLLESRRKSKKITARGIFAGARVVRGVDWQW EDQDGGNGRRGKVTEIQDWSASSPHSAAYVLWDNGAKNLYRVGFEGMSDLKCVQ DAKGGSFYRDHCPVLGEQNGNRNPGGLQIGDLVNIDLLEIVQSLQHGHGGWTDG MFETLTTTGTVCGIDEDHDIVVQYPSGNRWTFNPAVLTKANIVRSGDAAQGAEGGT SQFQVGDVLVQVCYDLERIKLLQRGHGEWAEAMLPTLGKVGRVQQIYSDSDLKVEVC GTSWTYNPAAVSKVASAGSAISNASGERLSQLLKKLFETQESGDLNEELVKAAANG

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

DVAKVEDLLKRPDQVNGQCAGHTAMQAASQNGHVDILKLLKQNVDAEDKDG
 DRAVHHAAFGDEGAVIEVLHRGSADLNARNKRRQTPHIAVNGKHLQVVKTLDDFG
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 QTALHLAVERQHTQIVRLLVRAGAKLDIQDKDGDTPHLEARHHTLSQLRQLQDMQ
 DVGKVDAAWEPSKNTLIMGLGTQGAEEKSAASIACFLAANGADLSIRNKKGQSPLDL
 CPDPNLCKALAKCHKEKVSGQVGSRSPSMISNDSETLEECMVCSDMKRDTLFGPC
 GHATCSLCSRVKCKLICKEQVQSRTKIEECVVCSDKKAAVLFQPCGHMCACENCA
 NLMKKCVQCRAVVERRVPFIMCCGGKSSDATDDISSGNIPVLQDKDNTNVNADV
 QKLQQLQDIKEQTMCPVCLDRLKNMIFLCGHGTCQLCGDRMSECPICRKAIERIL
 LYTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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

Official Symbol MIB1

Synonyms MIB1; mindbomb E3 ubiquitin protein ligase 1; mindbomb homolog 1 (Drosophila); E3 ubiquitin-protein ligase MIB1; DIP 1; KIAA1323; MIB; ZZANK2; ZZZ6; mindbomb

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homolog 1; mind bomb homolog 1; DAPK-interacting protein 1; ubiquitin ligase mind bomb; ubiquitin ligase protein MIB1; zinc finger ZZ type with ankyrin repeat domain protein 2; DIP-1; FLJ90676; MGC129659; MGC129660; DKFZp686I0769; DKFZp761M1710;

Gene ID 57534

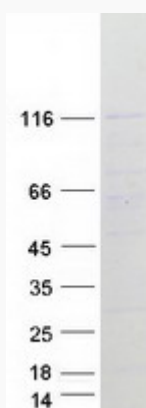
mRNA Refseq NM_020774

Protein Refseq NP_065825

MIM 608677

UniProt ID Q86YT6

SDS-PAGE



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