

Product datasheet for TP321377L

MIB1 (NM_020774) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human mindbomb homolog 1 (Drosophila) (MIB1), 1 mg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC221377 representing NM_020774
Red=Cloning site Green=Tags(s)

MSNSRNNRVMVEGVGARVVRGPDWKWGKQDGGEGHVGTVRSFESPEEWWWWDNGTAANYRCSGAYDLRI
 LDSAPTGIKHDGTMCDTCRQQPIIGIRWKCAECTNYDLCTVCYHGDKHHLRHRFYRITTPGSERVLLESR
 RKSKKITARGIFAGARVVRGVDWQWEDQDGGNGRRGKVTIQDWSASSPHSAAYLWDNGAKNLVYRGGFE
 GMSDLKCVQDAKGGSFYRDHCPVLGEQNGNRNPPGGLQIGDLVNIDLLEIVQSLQHGHHGGWTDGMFETLT
 TTGTVCGIDEDHDIVVQYPSGNRWTFNPAVLTKANIVRSGDAAQGAEGGTSQFQVGDVQVQCYDLERIKL
 LQRGHGEWAEAMLPTLGKVGVRVQYIYSDSLKVEVCGTSWTYNPAAVSKVASAGSAISNASGERLSQLLK
 KLFETQESGDLNEELVAAAANGDVAKVEDLLKRPDQVNGQCAGHTAMQAASQNGHVDILKLLKQNVVD
 EAEDKDGDRAVHHAFFGDEGAVIEVLHRGSADLNARNKRRQTPHIAVNKGHLQVVKLLDFGCHPSLQD
 SEGDTPLHDAISKKRDDILAVLLEAGADVTITNNNGFNALHHAALRGNPSAMRVLLSKLPRPWIVDEKDD
 DGYTALHLAALNNHVEVAELLVHQGNANLDIQNVNQQTALHLAVERQHTQIVRLLVRAGAKLDIQDKDGD
 TPLHEALRHHTLSQLRQLQDMQDVGKVDAAWEPKNTLIMGLGTQGAEKSAASIAACFLAANGADLSIRN
 KKGQSPDLCPDNLCKALAKCHKEKVSQVGSRSRSPMSINDSETLEECMVCSDMKRDTLFGPCGHIATC
 SLCSPRVKKCLICKEQVQSRTKIEECVCSDKKAAVLFQPCGHMCACENCANLMKKCVQCRAVVERRVFP
 IMCCGGKSSDATDDISSGNIPVLQKDKDNTNVNADVQKLQQLQDIKEQTMCPVCLDRLKNMIFLCGHG
 TCQLCGDRMSECPICRKAIERILLY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

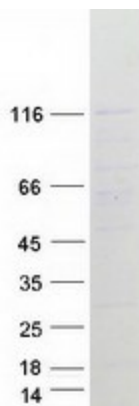
Tag: C-Myc/DDK
Predicted MW: 110 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Bioactivity: In vitro ubiquitination assay (PMID: [27882347](https://pubmed.ncbi.nlm.nih.gov/27882347/))



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|--------------------------|--|
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | <u>NP_065825</u> |
| Locus ID: | 57534 |
| UniProt ID: | <u>Q86YT6</u> |
| RefSeq Size: | 9308 |
| Cytogenetics: | 18q11.2 |
| RefSeq ORF: | 3018 |
| Synonyms: | DIP-1; DIP1; LVNC7; MIB; ZZANK2; ZZZ6 |
| Summary: | 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). [provided by RefSeq, Jun 2013] |
| Protein Families: | Druggable Genome |

Product images:



Coomassie blue staining of purified MIB1 protein (Cat# [TP321377]). The protein was produced from HEK293T cells transfected with MIB1 cDNA clone (Cat# [RC221377]) using MegaTran 2.0 (Cat# [TT210002]).