

Product datasheet for **TP321377M**

MIB1 (NM_020774) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human mindbomb homolog 1 (Drosophila) (MIB1), 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC221377 representing NM_020774
Red=Cloning site **Green**=Tags(s)

MSNSRNNRVMVEGVGARVVRGPDWKWGKQDGGEGHVGTVRSFESPEEWWWWDNGTAANYRCSGAYDLRI
LDSAPTGIKHDGTMCDTCRQQPIIGIRWKCAECTNYDLCTVCYHGDKHHLRHRFYRITTPGSERVLLESR
RKSKKITARGIFAGARVVRGVDWQWEDQDGGNGRRGKVTIQDWSASSPHSAAYLWDNGAKNLVYRVGFE
GMSDLKCVQDAKGGSFYRDHCPVLGEQNGNRNPGGLQIGDLVNIDLLEIVQSLQHGHHGGWTDGMFETLT
TTGTVCGIDEDHDIVVQYPSGNRWTFNPAVLTKANIVRSGDAAQGAEGGTSQFQVGDVQVQCYDLERIKL
LQRGHGEWAEAMLPTLGKVGVRVQIYSDSLKVEVCGTSWTYNPAAVSKVASAGSAISNASGERLSQLLK
KLFETQESGDLNEELVAAAANGDVAKVEDLLKRPDQVNGQCAGHTAMQAASQNGHVDILKLLKQNVVD
EAEDKDGDRAVHHAFFGDEGAVIEVLHRGSADLNARNKRRQTPHIAVNKGHLQVVKLLDFGCHPSLQD
SEGDTPLHDAISKKRDDILAVLLEAGADVTITNNNGFNALHHAALRGNPSAMRVLLSKLPRPWIVDEKDD
DGYTALHLAALNNHVEVAELLVHQGNANLDIQNVNQQTALHLAVERQHTQIVRLLVRAGAKLDIQDKDGD
TPLHEALRHHTLSQLRQLQDMQDVGKVDAAWEPKNTLIMGLGTQGAEKSAASIAACFLAANGADLSIRN
KKGQSPLDLCPPNLCKALAKCHKEKVSQVGSRSMSISNDSETLEECMVCSDMKRDTLFGPCGHIATC
SLCSPRVKKCLICKEVQVSRTKIEECVCSDKKAAVLFQPCGHMCACENCANLMKKCVQCRAVVERRVFP
IMCCGGKSSDATDDISSGNIPVLQKDKDNTNVNADVQKLQQLQDIKEQTMCPVCLDRLKNMIFLCGHG
TCQLCGDRMSECPICRKAIERILLY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

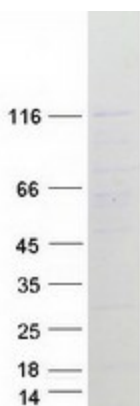
Tag: C-Myc/DDK
Predicted MW: 110 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Bioactivity: In vitro ubiquitination assay (PMID: [27882347](#))



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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:	NP_065825
Locus ID:	57534
UniProt ID:	Q86YT6
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]).