

Product datasheet for PH321377

MIB1 (NM_020774) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MIB1 MS Standard C13 and N15-labeled recombinant protein (NP_065825)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221377
Predicted MW:	110 kDa
Protein Sequence:	>RC221377 representing NM_020774 Red=Cloning site Green=Tags(s)

MSNSRNNRVMVEGVGARVVRGPDWKWGKQDGGEGHVGTVRSFESPEEVVVWDNGTAANYRCSGAYDLRI
LDSAPTGIKHDGTMCDTCRQQPIIGIRWKAECTNYDLCTVCYHGDKHHLRHRFYRITTPGSEVLLLES
RKSKKITARGIFAGARVVRGVDWQWEDQDGGNGRRGKVTEIQDWSASSPHSAAYLVWDNGAKNLYRVGFE
GMSDLKCVQDAKGGSFYRDHCPVLGEQNGNRNPGGLQIGDLVNIIDLLEIVQSLQHGGGWTGDMFETLT
TTGTVCGIDEDHDIVVQYPSGNRWFNPAVLTKANIVRSGDAAQGAEGGTSQFQVGDLVQVCYDLERIKL
LQRHGGEWAEAMLPTLGKVGVRVQIYSDSLKVEVCGTSWTYNPAAVSKVASAGSAISNASGERLSQLLK
KLFETQESGDLNEELVAAAANGDVAKVEDLLKRPDQVVDVNGQCAGHTAMQAASQNGHVDILKLLKQNV
EAEDKGDRAVHHAAFGDEGAVIEVLHRGSADLNARNKRRQTPHLIAVKNKGLQVVKTLDFGCHPSLQD
SEGDTPLHDAISKRRDDILAVLLEAGADVTITNNNGFNALHHAALRGNSAMRVLLSKLPRPWIVDEKDD
DGYTALHLAALNNHVEVAELLVHQGNANLDIQNVNQQTALHLAVERQHTQIVRLLVRAGAKLDIQDKGD
TPLHEALRHHTLSQLRQLQDMQDVGKVDAAWEPKNTLIMGLGTQGAEEKSAASIAFLAANGADLSIRN
KKGQSPLDLCPDNLCKALAKCHKEKVGSGVSRSPSMISNDSETLEECMVCSMDMKRDTLFGPCGHIATC
SLCSPRVKCLICKEQVQSRKIEECVVCSDKKAQVLFQPCGHMACENCANLMKKCVQCRAVVERRVFP
IMCCGGKSSSEDATDDISSGNIPVLQKDKDNTNVNADVQKLQQQLDIKEQTMCPVCLDRLKNMIFLCGHG
TCQLCGDRMSEPCICRKAIERILLY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

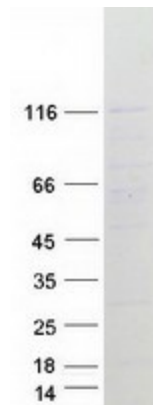
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.



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Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_065825
RefSeq Size:	9308
RefSeq ORF:	3018
Synonyms:	DIP-1; DIP1; LVNC7; MIB; ZZANK2; ZZZ6
Locus ID:	57534
UniProt ID:	Q86YT6
Cytogenetics:	18q11.2
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]).