

Datasheet for ABIN7564715
MIB2 Protein (AA 1-973) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	MIB2
Protein Characteristics:	AA 1-973
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MIB2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Mib2 Protein expressed in mammalien cells.
Sequence:	<p>MDLDPHAGVQ VGMRVVRGMD WKWGQQDGGE GGVGTVVELG RHGSPSTPDR TVVVQWDQGT</p> <p>RTNYRAGYQG AHDLLLYDNA QIGIRHPNII CDCCKKHGLR GMRWKCRVCF DYDLCTQCYM</p> <p>HNKHDLTHAF ERYETSHSRP VTLSPRQGLP RIPLRGIFQG AKVVRGPDWE WGSQDGGEGK</p> <p>TGRVVDIRGW DVETGRSVAS VTWADGTTNV YRVGHKKGKVD LRCVGEAAGG FYYKEHLPKL</p> <p>GKPAELQRRV SADGQPFQRG DKVKCLLDTD VLRDMQEGHG GWNPRMAEFI GQMGTVHRIT</p> <p>DRGDVRVQFN HETRWFHFG ALTKHNSFWV GDVVRVIGDL DTVKRLQAGH GEWTDDMAPA</p> <p>LGRVGKVVKV FGDGNLRVAV GGQRWTFSPS CLVAYRPEED ANLDVAERAR ENKSAASVSV</p> <p>AGSLSVALDK LRTQKSDPEH PGRLVVEAAL GNVARALDLL RRHPEQASYH PALVVDTKNQ</p> <p>GRTALQVAAY LGQVELVRL LQARASMDLP DDEGNTVLHY TAMGNQPEAT RVLLSAGCAV</p> <p>DARNGTRSTA LHVAVQRGFL EVVKILCERG CDVNLPDAHA DTPLHSAISA GAGASSIVEV</p> <p>LTEVPGIDVT ATNSQGFTLL HHASLKGHVL AVRKILARAR QLVDAAKEDG FTALHLAALN</p>

NHREVAQVLI REGRCDVNVR NRKLQSPLHL AVQQAHLGLV PLLVDAGCSV NTEDEEGDTA
LHVALQRHQL LPLVADRAGG DPGPLQLLSR LQASGLPGCT ELTVGAAVAC FLALEGADVS
YANHRGRSPL DLATEGRVLK ALQGCAQRFR ERQAGGGGGV PPGPRHVLST PNTVTNLHVS
GTAGPEAAEC LVCSELALLI LFSPCQHRTV CEECARRMCK CIRCQVVISK KLRPDGSEVV
NAIQVPGPPR QLVEELQSRV RQMEERITCP ICIDSHIRLV FQCGHGACAP CGAALNACPI
CRQPIRDRIQ IFV **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	MIB2
Alternative Name:	Mib2 (MIB2 Products)
Background:	E3 ubiquitin-protein ligase MIB2 (EC 2.3.2.27) (Dystrophin-like protein) (Dyslike) (Mind bomb homolog 2) (Mind bomb-2) (RING-type E3 ubiquitin transferase MIB2) (Skeletrophin),FUNCTION: E3 ubiquitin-protein ligase that mediates ubiquitination of Delta receptors, which act as ligands of Notch proteins. Positively regulates the Delta-mediated Notch signaling by ubiquitinating the intracellular domain of Delta, leading to endocytosis of

Target Details

	Delta receptors. {ECO:0000269 PubMed:15824097}.
Molecular Weight:	106.0 kDa
UniProt:	Q8R516
Pathways:	Notch Signaling

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months