

Recombinant Human MIB1 protein, His & T7-tagged

Cat. No. MIB1-1883H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MIB1 aa. (Arg769~Glu1000 (Accession # Q86YT6)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Arg769~Glu1000
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).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.4kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	8.3

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; MIB; DIP1; ZZZ6; DIP-1; LVNC7; ZZANK2; E3 ubiquitin-protein ligase MIB1; DAPK-interacting protein 1; RING-type E3 ubiquitin transferase MIB1; ubiquitin ligase mind bomb; zinc finger ZZ type with ankyrin repeat domain protein 2
Gene ID	57534
mRNA Refseq	NM_020774.3
Protein Refseq	NP_065825.1

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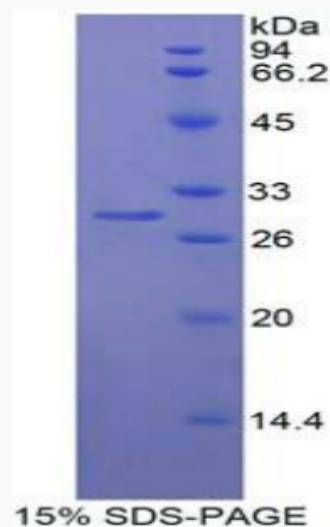
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UniProt ID

Q86YT6

SDS-PAGE



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