E3 Ubiquitin-Protein Ligase Mib1 (mib1) Xenopus Laevis Recombinant Protein

PRODUCT OVERVIEW

Product Name	E3 ubiquitin-protein ligase mib1 (mib1), Recombinant Protein
Full Product Name	Recombinant Xenopus laevis E3 ubiquitin-protein ligase mib1 (mib1), partial
Product Gene Name	mib1 recombinant protein
Product Synonym Gene Name	mib1
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	110,689 Da
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q6GNY1
Species	Xenopus laevis (African clawed frog)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mib1 recombinant protein	MBS1281460 is a recombinant protein targeting mib1. Also known as Recombinant Xenopus laevis E3 ubiquitin-protein ligase mib1 (mib1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mib1 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for mib1. It may not necessarily be applicable to this product.

NCBI GI #	148223069
NCBI GeneID	444232
NCBI Accession #	NP_001085805.1
UniProt Primary Accession #	Q6GNY1
UniProt Related Accession #	Q6GNY1
GenBank Nucleotide #	NM_001092336.1
NCBI Official Full Name	E3 ubiquitin-protein ligase mib1
NCBI Official Synonym Full Names	mindbomb E3 ubiquitin protein ligase 1 L homeolog
NCBI Official Symbol	mib1.L

NCBI Official Synonym Symbols	mib; mib1; dip-1; mindbomb
UniProt Protein Name	E3 ubiquitin-protein ligase mib1
UniProt Synonym Protein Names	Mind bomb homolog 1; RING-type E3 ubiquitin transferase mib1Curated
Protein Family	E3 ubiquitin-protein ligase
UniProt Gene Name	mib1
NCBI Protein Information	E3 ubiquitin-protein ligase mib1
UniProt Comments for mib1	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 Delta receptors ().
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