Erlin-1 (erlin1) Xenopus Tropicalis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Erlin-1 (erlin1), Recombinant Protein
Full Product Name	Recombinant Xenopus tropicalis Erlin-1 (erlin1), partial
Product Gene Name	erlin1 recombinant protein
Product Synonym Gene Name	erlin1
Sequence	MAHFGVVVGL MMILVFLVFL SSIHKVEEGH LAVYYRGGAL LGGPGDPGYH IMFPFITYFR SVQTTLQTDE VKNVPCGTSG GVMIYFDRIE VVNMLTPSAV YDVVRNYTAD YDKTLIFNKI HHELNQFCSS HTLQEVYIEL FDQIDENLKL SLQMELNVMA PGLTIQAVRV TKPKIPEAIR RNFELMESEK TKLLIAEQRQ KVVEKEAETE RKKAVIEAEK VAQVAKIQYR QKVMEKETEK FISEIEDSAY LAREKAKADA EYYTAQKSAD ANKLKLTPQY LELIKYQAVS ANNKIYFGSN IPTMFFDSSS RSRIEGKSA
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	36,311 Da
Sequence Positions	1-319
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 Q28DX1
Species	Xenopus tropicalis (Western clawed frog) (Silurana tropicalis)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for erlin1 recombinant protein	MBS1283023 is a recombinant protein targeting erlin1. Also known as Recombinant Xenopus tropicalis Erlin-1 (erlin1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of erlin1 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 erlin1. It may not necessarily be applicable to this product.

NCBI GI #	62860120
NCBI GeneID	549646
NCBI Accession #	NP_001016892.1
UniProt Primary Accession #	Q28DX1
UniProt Related Accession #	Q28DX1

GenBank Nucleotide #	NM_001016892.2
NCBI Official Full Name	erlin-1
NCBI Official Synonym Full Names	ER lipid raft associated 1
NCBI Official Symbol	erlin1
NCBI Official Synonym Symbols	spfh1; spfh2; Erlin-1
UniProt Protein Name	Erlin-1
UniProt Synonym Protein Names	Endoplasmic reticulum lipid raft-associated protein 1
Protein Family	Erlin
UniProt Gene Name	erlin1
UniProt Synonym Gene Names	; SPFH domain-containing protein 1
NCBI Protein Information	erlin-1
UniProt Comments for erlin1	Mediates the endoplasmic reticulum-associated degradation (ERAD) of inositol 1,4,5-trisphosphate receptors (IP3Rs). Involved in regulation of cellular cholesterol homeostasis by regulation the SREBP signaling pathway. Binds cholesterol and may promote ER retention of the SCAP-SREBF complex.
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