Lactonase Drp35 (drp35) Staphylococcus Aureus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Lactonase drp35 (drp35), Recombinant Protein
Full Product Name	Recombinant Staphylococcus aureus Lactonase drp35 (drp35)
Product Gene Name	drp35 recombinant protein
Product Synonym Gene Name	drp35
Sequence	MMSQQDLPTL FYSGKSNSAV PIISESELQT ITAEPWLEIS KKGLQLEGLN FDRQGQLFLL DVFEGNIFKV NPETKEIKQP FVSHKANPAA IKIHKDGRLF VCYLGDFKST GGIFAATENG DNIQDIIEDL STTYCIDDMV FDSKGGFYFT DFRGYSTNPL GGVYYVAPDF RTVTPIIQNI SVANGIALST DEKVLWVTET TANRLHRIAL EDDGVTIQPF GATIPYYFTG HEGPDSCCID RDDNLYVAMY GQGRVLVFNK RGYPIGQILI PGRDEGHMLR STHPQFIPGT NQLIICANDI EMGGGSMLYT VNGFAKGHQS FQFQ
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	35,989 Da
Sequence Positions	1-324, Full length protein
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 Q2YZA4
Species	Staphylococcus aureus (strain bovine RF122 / ET3-1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for drp35 recombinant protein	MBS1408668 is a recombinant protein targeting drp35. Also known as Recombinant Staphylococcus aureus Lactonase drp35 (drp35). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of drp35 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 drp35. It may not necessarily be applicable to this product.

NCBI GI #	117940114
NCBI Accession #	Q2YZA4.1
UniProt Primary Accession #	Q2YZA4
NCBI Official Full Name	Lactonase drp35
UniProt Protein Name	Lactonase drp35

Protein Family	Lactonase
UniProt Gene Name	drp35
UniProt Comments for drp35	Exhibits lactonase activity. Acts in cells with perturbed membrane integrity and is possibly related to the membrane homeostasis ().
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