Opsin-2 (LO2) Schistocerca Gregaria Recombinant Protein

PRODUCT OVERVIEW

Product Name	Opsin-2 (Lo2), Recombinant Protein
Full Product Name	Recombinant Schistocerca gregaria Opsin-2 (Lo2), partial
Product Gene Name	Lo2 recombinant protein
Product Synonym Gene Name	Lo2
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	42,531 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 Q26495
Species	Schistocerca gregaria (Desert locust)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Lo2 recombinant protein	MBS7075551 is a recombinant protein targeting Lo2. Also known as Recombinant Schistocerca gregaria Opsin-2 (Lo2), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Lo2 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 Lo2. It may not necessarily be applicable to this product.

NCBI GI #	2499365
NCBI Accession #	Q26495.1
UniProt Primary Accession #	Q26495
NCBI Official Full Name	Opsin-2
UniProt Protein Name	Opsin-2
Protein Family	Opsin
UniProt Gene Name	Lo2
UniProt Comments for Lo2	Visual pigments are the light-absorbing molecules that mediate vision. They consist of an apoprotein, opsin, covalently linked to cis-retinal.

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