Lipid Storage Droplets Surface-Binding Protein 2 (LSD-2) Drosophila Melanogaster Recombinant Protein

PRODUCT OVERVIEW

Product Name	Lipid storage droplets surface-binding protein 2 (Lsd-2), Recombinant Protein
Full Product Name	Recombinant Drosophila melanogaster Lipid storage droplets surface-binding protein 2 (Lsd-2)
Product Gene Name	Lsd-2 recombinant protein
Product Synonym Gene Name	Lsd-2
Sequence	MASAEQKHAT GNGTTGNGTA MNDVDQPKDA KDLLPHLESL ERIIKLPVVN AAWDKSQDVY GKVKGKNRVF EWALTAAEDC VTRAVTTAAP FVTKLDRPIA YVDQTLVKGI DKLEVKAPII KDTPQEIYNQ AKSKVIDVVQ PHLERVVKFK AAGQQKAASL KDLAWQKANE VLATQYGSLA VNGVDTTTAL AERLLEYYFP KCESDVEEDN DDKQNAVVQN GKSSENDMPV PASEDPVLHT VQTVGRLSNK ISRRVYRNVS RQIKQVQKGN INDYLSSLIA ALKLHQYINF INSSMGTNVE QSGGSSSDAC SPFGTTTSTT TTTTTSSTSN NKPVVALPHV AKSKRAPAVS SQ
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	38,229 Da
Sequence Positions	1-352, 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 Q9VXY7
Species	Drosophila melanogaster (Fruit fly)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Lsd-2 recombinant protein	MBS1385898 is a recombinant protein targeting Lsd-2. Also known as Recombinant Drosophila melanogaster Lipid storage droplets surface-binding protein 2 (Lsd-2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Lsd-2 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 Lsd-2. It may not necessarily be applicable to this product.

NCBI GI #	18859967
NCBI GeneID	32437
NCBI Accession #	NP_572996.1
UniProt Primary Accession #	Q9VXY7

UniProt Related Accession #	Q9VXY7
GenBank Nucleotide #	NM_132768.3
NCBI Official Full Name	lipid storage droplet-2, isoform A
NCBI Official Synonym Full Names	Lipid storage droplet-2
NCBI Official Symbol	Lsd-2
NCBI Official Synonym Symbols	145098_at; CG9057; DmelCG9057; DmPLIN2; LSD-2; Lsd2; LSD2; LSP-2; plin2; PLIN2
UniProt Protein Name	Lipid storage droplets surface-binding protein 2
Protein Family	Lipid storage droplets surface-binding protein
UniProt Gene Name	Lsd-2
UniProt Synonym Gene Names	Lsd2
NCBI Protein Information	CG9057 gene product from transcript CG9057-RF
UniProt Comments for Lsd-2	Essential for embryogenesis. Required for normal deposition of neutral lipids in the oocyte.
Research Articles on Lsd-2	**1.** that HDAC6 is associated physically with the chaperone protein dHsc4/Hsc70 to maintain the proteostasis of PLIN2
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