Epididymal-Specific Lipocalin-9 (LCN9) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Epididymal-specific lipocalin-9 (LCN9), Recombinant Protein
Full Product Name	Recombinant Human Epididymal-specific lipocalin-9 (LCN9)
Product Gene Name	LCN9 recombinant protein
Product Synonym Gene Name	LCN9
Sequence	QEFDPHTVMQ RNYNVARVSG VWYSIFMASD DLNRIKENGD LRVFVRNIEH LKNGSLIFDF EYMVQGECVA VVVVCEKTEK NGEYSINYEG QNTVAVSETD YRLFITFHLQ NFRNGTETHT LALYETCEKY GLGSQNIIDL TNKDPCYSKH YRSPPRPPMR W
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	20,285 Da
Sequence Positions	16-176, 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.
OMIM	612903
3D Structure	ModBase 3D Structure for Q8WX39
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for LCN9 recombinant protein	MBS1436149 is a recombinant protein targeting LCN9. Also known as Recombinant Human Epididymal-specific lipocalin-9 (LCN9). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of LCN9 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 LCN9. It may not necessarily be applicable to this product.

NCBI GI #	48717447
NCBI GeneID	392399
NCBI Accession #	NP_001001676.1
UniProt Primary Accession #	Q8WX39
UniProt Secondary Accession #	Q6JVE7; C9J5F0

UniProt Related Accession #	Q8WX39
GenBank Nucleotide #	NM_001001676.1
NCBI Official Full Name	epididymal-specific lipocalin-9
NCBI Official Synonym Full Names	lipocalin 9
NCBI Official Symbol	LCN9
NCBI Official Synonym Symbols	HEL129
UniProt Protein Name	Epididymal-specific lipocalin-9
UniProt Synonym Protein Names	MUP-like lipocalin
Protein Family	Epididymal-specific lipocalin
UniProt Gene Name	LCN9
NCBI Protein Information	epididymal-specific lipocalin-9
NCBI Summary for LCN9	Members of the lipocalin family, such as LCN9, have a common structure consisting of an 8-stranded antiparallel beta-barrel that forms a cup-shaped ligand-binding pocket or calyx. Lipocalins generally bind small hydrophobic ligands and transport them to specific cells (Suzuki et al., 2004 [PubMed 15363845]).[supplied by OMIM, Aug 2009]
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