Epididymal-Specific Lipocalin-12 (LCN12) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Epididymal-specific lipocalin-12 (Lcn12), Recombinant Protein
Full Product Name	Recombinant Mouse Epididymal-specific lipocalin-12 (Lcn12)
Product Gene Name	Lcn12 recombinant protein
Product Synonym Gene Name	Lcn12
Sequence	QISAMSQGFP QMTSFQSDQF QGEWFVLGLA DNTFRREHRA LLNFFTTLFE LKEKSQFQVT NSMTRGKHCN TWSYTLIPAT KPGQFTRDNR GSGPGADREN IQVIETDYIT FALVLSLRQT SSQNITRVSL LGRNWRLSHK TIDKFICLTR TQNLTKDNFL FPDLSDWLPD PQVC
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	22,341 Da
Sequence Positions	20-193, 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 Q6JVL5
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Lcn12 recombinant protein	MBS1382381 is a recombinant protein targeting Lcn12. Also known as Recombinant Mouse Epididymal-specific lipocalin-12 (Lcn12). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Lcn12 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 Lcn12. It may not necessarily be applicable to this product.

NCBI GI #	58037499
NCBI GeneID	77701
NCBI Accession #	NP_084234.1
UniProt Primary Accession #	Q6JVL5
UniProt Related Accession #	Q6JVL5
GenBank Nucleotide #	NM_029958.1

NCBI Official Full Name	epididymal-specific lipocalin-12
NCBI Official Synonym Full Names	lipocalin 12
NCBI Official Symbol	Lcn12
NCBI Official Synonym Symbols	9230102M18Rik
UniProt Protein Name	Epididymal-specific lipocalin-12
Protein Family	Epididymal-specific lipocalin
UniProt Gene Name	Lcn12
NCBI Protein Information	epididymal-specific lipocalin-12
UniProt Comments for Lcn12	Binds all-trans retinoic acid and may act as a retinoid carrier protein within the epididymis. May play a role in male fertility ().
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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