Hepatocyte Cell Adhesion Molecule (HEPACAM) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Hepatocyte cell adhesion molecule (Hepacam), Recombinant Protein
Full Product Name	Recombinant Mouse Hepatocyte cell adhesion molecule (Hepacam), partial
Product Gene Name	Hepacam recombinant protein
Product Synonym Gene Name	Hepacam
Sequence	VNITSPV RLIHGTVGKS ALLSVQYSST SSDKPVVKWQ LKRDKPVTVV QSIGTEVIGT LRPDYRDRIR LFENGSLLLS DLQLADEGTY EVEISITDDT FTGEKTINLT VDVPISRPQV LVASTTVLEL SEAFTLNCSH ENGTKPSYTW LKDGKPLLND SRMLLSPDQK VLTITRVLME DDDLYSCVVE NPISQVRSLP VKITVYRRSS
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	46,367 Da
Sequence Positions	34-240
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 Q640R3
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Hepacam recombinant protein	MBS1348645 is a recombinant protein targeting Hepacam. Also known as Recombinant Mouse Hepatocyte cell adhesion molecule (Hepacam), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Hepacam 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 Hepacam. It may not necessarily be applicable to this product.

NCBI GI #	56790921
NCBI GeneID	72927
NCBI Accession #	NP_780398.2
UniProt Primary Accession #	Q640R3
UniProt Related Accession #	Q640R3

GenBank Nucleotide #	NM_175189.4
NCBI Official Full Name	hepatocyte cell adhesion molecule
NCBI Official Synonym Full Names	hepatocyte cell adhesion molecule
NCBI Official Symbol	Hepacam
NCBI Official Synonym Symbols	Hepn1; Glialcam; 2900042E01Rik
UniProt Protein Name	Hepatocyte cell adhesion molecule
Protein Family	Hepatocyte cell adhesion molecule
UniProt Gene Name	Hepacam
UniProt Synonym Gene Names	Protein hepaCAM
NCBI Protein Information	hepatocyte cell adhesion molecule
UniProt Comments for Hepacam	Involved in regulating cell motility and cell-matrix interactions. May inhibit cell growth through suppression of cell proliferation ().
Research Articles on Hepacam	**1.** we demonstrate an evolutionary conserved role for MLC1 in regulating glial surface levels of GLIALCAM, and this interrelationship explains why patients with mutations in either gene (MLC1 or GLIALCAM) share the same clinical phenotype.
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