Loss of Heterozygosity 12 Chromosomal Region 1 Protein Homolog (LOH12CR1) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Loss of heterozygosity 12 chromosomal region 1 protein homolog (Loh12cr1), Recombinant Protein
Full Product Name	Recombinant Mouse Loss of heterozygosity 12 chromosomal region 1 protein homolog (Loh12cr1)
Product Gene Name	Loh12cr1 recombinant protein
Product Synonym Gene Name	Loh12cr1
Sequence	MGSEQSAEAE SRPGDLNASV TPSPAKHRAK MDDIVVVAQG SQASRNVSND PDVIKLQEIP TFQPLLKGLL SGQTSPTNAK LEKLDSQQVL QLCLRYQDHL HQCAEAVAFD QNALVKRIKE MDLSVETLFC FMQERQKRYA KYAEQIQKVN EMSAILRRIQ MGIDQTVPLM ERLNSMLPEA ERLEPFSMKP ERERH
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	22,120 Da
Sequence Positions	1-195, 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 Q9D920
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Loh12cr1 recombinant protein	MBS1471827 is a recombinant protein targeting Loh12cr1. Also known as Recombinant Mouse Loss of heterozygosity 12 chromosomal region 1 protein homolog (Loh12cr1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Loh12cr1 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 Loh12cr1. It may not necessarily be applicable to this product.

NCBI GI #	281427221
NCBI GeneID	67774
NCBI Accession #	NP_001163950.1
UniProt Primary Accession #	Q9D920

UniProt Secondary Accession #	Q8BJB0
UniProt Related Accession #	Q9D920
GenBank Nucleotide #	NM_001170479.1
NCBI Official Full Name	BLOC-1-related complex subunit 5 isoform 1
NCBI Official Synonym Full Names	BLOC-1 related complex subunit 5
NCBI Official Symbol	Borcs5
NCBI Official Synonym Symbols	AW124643; Loh12cr1; 5830457J20Rik
UniProt Protein Name	BLOC-1-related complex subunit 5
UniProt Gene Name	Borcs5
NCBI Protein Information	BLOC-1-related complex subunit 5
UniProt Comments for Loh12cr1	As part of the BORC complex may play a role in lysosomes movement and localization at the cell periphery. Associated with the cytosolic face of lysosomes, the BORC complex may recruit ARL8B and couple lysosomes to microtubule plus-end-directed kinesin motor. Thereby, it may indirectly play a role in cell spreading and motility.
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