C-Type Lectin Domain Family 1 Member A (CLEC1A) Bovine Recombinant Protein

PRODUCT OVERVIEW

Product Name	C-type lectin domain family 1 member A (CLEC1A), Recombinant Protein
Full Product Name	Recombinant Bovine C-type lectin domain family 1 member A (CLEC1A), partial
Product Gene Name	CLEC1A recombinant protein
Product Synonym Gene Name	CLEC1A
Sequence	QFYQLSN TQQDSILQKE EKLGNLSRQL QSLRTQNRKL AETLHHVAEK LCRELYNKTG EHRCSPCPEK WKWHGDKCYQ FYKESKSWQG CEYFCIAENS TMLKINTQEV LEFAMPQSYS EFFYSYWTGL SRNSSGKAWL WMDGTPYSSE LFDVMIDLTS LRSRDCVTIL NGKAFSKDCR ELRRCACEKA AAMVKVQSLH EPLSRRWR
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	32,094 Da
Sequence Positions	74-278
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 Q0VCS6
Species	Bovine
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CLEC1A recombinant protein	This gene encodes a member of the C-type lectin C-type lectin-like domain (CTL CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signalling, glycoprotein turnover, and roles in inflammation and immune response. The encoded protein may play a role in regulating dendritic cell function. Alternative splice variants have been described but their biological nature has not been determined. This gene is closely linked to other CTL CTLD superfamily members on chromosome 12p13 in the natural killer gene complex region.
Other Notes	Small volumes of CLEC1A 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.
Searchable Terms for CLEC1A purchase	MBS1421573 is a recombinant protein targeting CLEC1A. Also known as Recombinant Bovine C-type lectin domain family 1 member A (CLEC1A), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CLEC1A. It may not necessarily be applicable to this product.

NCBI GI #	115497234

NCBI GeneID	536944
NCBI Accession #	NP_001069549.1
UniProt Primary Accession #	Q0VCS6
UniProt Related Accession #	Q0VCS6
GenBank Nucleotide #	NM_001076081.1
NCBI Official Full Name	C-type lectin domain family 1 member A
NCBI Official Synonym Full Names	C-type lectin domain family 1 member A
NCBI Official Symbol	CLEC1A
UniProt Protein Name	C-type lectin domain family 1 member A
UniProt Synonym Protein Names	C-type lectin-like receptor 1; CLEC-1
Protein Family	C-type lectin domain family
UniProt Gene Name	CLEC1A
UniProt Synonym Gene Names	CLEC1; CLEC-1
NCBI Protein Information	C-type lectin domain family 1 member A
Research Articles on CLEC1A	**1.** these results suggest that IRBIT may reduce the apparent affinity for Mg(2+)(i) in inhibition of NBCe1-B activity in mammalian cells.
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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