Lymphocyte Activation Gene 3 Protein (LAG3) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Lymphocyte activation gene 3 protein (Lag3), Recombinant Protein
Full Product Name	Recombinant Mouse Lymphocyte activation gene 3 protein (Lag3), partial
Product Gene Name	Lag3 recombinant protein
Product Synonym Gene Name	Lag3
Sequence	SGPGKELP VVWAQEGAPV HLPCSLKSPN LDPNFLRRGG VIWQHQPDSG QPTPIPALDL HQGMPSPRQP APGRYTVLSV APGGLRSGRQ PLHPHVQLEE RGLQRGDFSL WLRPALRTDA GEYHATVRLP NRALSCSLRL RVGQASMIAS PSGVLKLSDW VLLNCSFSRP DRPVSVHWFQ GQNRVPVYNS PRHFLAETFL LLPQVSPLDS GTWGCVLTYR DGFNVSITYN LKVLGLEPVA PLTVYAAEGS RVELPCHLPP GVGTPSLLIA KWTPPGGGPE LPVAGKSGNF TLHLEAVGLA QAGTYTCSIH LQGQQLNATV TLAVITVTPK SFGLPGSRGK LLCEVTPASG KERFVWRPLN NLSRSCPGPV LEIQEARLLA ERWQCQLYEG QRLLGATVYA AESSSGAHSA RRISGDLKGG HL
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	56,978 Da
Sequence Positions	23-442
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 Q61790
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Lag3 recombinant protein	Lymphocyte-activation protein 3 belongs to Ig superfamily and contains 4 extracellular Ig-like domains. The LAG3 gene contains 8 exons. The sequence data, exon intron organization, and chromosomal localization all indicate a close relationship of LAG3 to CD4.
Other Notes	Small volumes of Lag3 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 Lag3 purchase	MBS1331145 is a recombinant protein targeting Lag3. Also known as Recombinant Mouse Lymphocyte activation gene 3 protein (Lag3), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Lag3. It may not necessarily be applicable to this product.

NCBI GI #	6678654
NCBI GeneID	16768

NCBI Accession #	NP_032505.1
UniProt Primary Accession #	Q61790
UniProt Secondary Accession #	Q0VBL2
UniProt Related Accession #	Q61790
GenBank Nucleotide #	NM_008479.2
NCBI Official Full Name	lymphocyte activation gene 3 protein
NCBI Official Synonym Full Names	lymphocyte-activation gene 3
NCBI Official Symbol	Lag3
NCBI Official Synonym Symbols	Ly66; CD223; LAG-3
UniProt Protein Name	Lymphocyte activation gene 3 protein
UniProt Synonym Protein Names	CD_antigen: CD223
Protein Family	Lymphocyte activation gene 3 protein
UniProt Gene Name	Lag3
UniProt Synonym Gene Names	LAG-3
NCBI Protein Information	lymphocyte activation gene 3 protein
UniProt Comments for Lag3	Involved in lymphocyte activation. Binds to HLA class-II antigens ().
Research Articles on Lag3	**1.** In the title.
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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