Killer Cell Lectin-Like Receptor 4 (KLRA4) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Killer cell lectin-like receptor 4 (Klra4), Recombinant Protein
Full Product Name	Recombinant Mouse Killer cell lectin-like receptor 4 (Klra4), partial
Product Gene Name	Klra4 recombinant protein
Product Synonym Gene Name	Klra4
Sequence	TNIFQ YGQQKHELKE FLKHHNNCSI MQSDINLKDE LLKNKSIECN LLESLNRDQN ILCDKTRTVL DYLQHTGRGV KVYWFCYGMK CYYFVMDRKP WSRCKQSCQN SSLTLLKIDD EDELKFLQLV VPSDSCWIGL SYDNKKKDWA WIDNRPSKLA LNTTKYNIRD GGCMFLSKTR LDNNYCDQSF ICICGKRLDK FPH
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	30,582 Da
Sequence Positions	66-263
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 Q60651
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Klra4 recombinant protein	MBS1439150 is a recombinant protein targeting Klra4. Also known as Recombinant Mouse Killer cell lectin-like receptor 4 (Klra4), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Klra4 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 Klra4. It may not necessarily be applicable to this product.

NCBI GI #	357588446
NCBI GeneID	16635
NCBI Accession #	NP_001239506.1
UniProt Primary Accession #	Q60651
UniProt Secondary Accession #	O78026; Q9EPA5
UniProt Related Accession #	Q60651

GenBank Nucleotide #	NM_001252577.1
NCBI Official Full Name	killer cell lectin-like receptor 4 isoform 2
NCBI Official Synonym Full Names	killer cell lectin-like receptor, subfamily A, member 4
NCBI Official Symbol	Klra4
NCBI Official Synonym Symbols	Chok; Ly49d; Klra32; Klra33; Ly-49d; ly49r<129>
UniProt Protein Name	Killer cell lectin-like receptor 4
UniProt Synonym Protein Names	Lymphocyte antigen 49d; Ly-49d; T-cell surface glycoprotein Ly-49D
Protein Family	Killer cell lectin-like receptor
UniProt Gene Name	Klra4
UniProt Synonym Gene Names	Ly-49d; Ly49-d; Ly49d; Ly-49d
NCBI Protein Information	killer cell lectin-like receptor 4
UniProt Comments for Klra4	Receptor on natural killer (NK) cells for class I MHC.
Research Articles on Klra4	**1.** this study shows that after mouse cytomegalovirus infection, Ly49D augmented IFN-gamma production by virus-specific Ly49H(+) NK cells and preferentially promoted the generation of memory Ly49H(+) NK cells
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