High Affinity Immunoglobulin Alpha and Immunoglobulin Mu Fc Receptor (FCAMR) Pongo Abelii Recombinant Protein

PRODUCT OVERVIEW

Product Name	High affinity immunoglobulin alpha and immunoglobulin mu Fc receptor (FCAMR), Recombinant Protein
Full Product Name	Recombinant Pongo abelii High affinity immunoglobulin alpha and immunoglobulin mu Fc receptor (FCAMR), partial
Product Gene Name	FCAMR recombinant protein
Product Synonym Gene Name	FCAMR
Sequence	LPQK RPHPRWLWEG SLPSRTHLRA MGTLTPSSPL CWQEESSFAA PNALKGSRLV SGEPGGAVTI QCHYAPSSVN RHQRKYWCRL GPPRWICQTI VSTNHYTHHR YRDRVALTDF PQRGLFVVRL SQLSPDDIGC YLCGIGSENN MLFLSMNLTI SAGPSSTLPT ATPAAGELTM RSYGTASPVA NRWTPGTTQT LGQGTAWDTV ASTPGTSMTT ASAEGRETPG ATRLATPGTG SWAEGSVKAP APIPESPASK APAPIPESPA SKSRSMSNTT EGVWEGTRSL VTNRAKASKD RREITTTKAD RPREDTEGVR IALDAAKKVL GTIRPPALVS ETLAWEIFPQ ATPVSKQQSL SSIGETTPAA GMWTLGTPAA DVWILGTPTA DVWTSMEAAS GEGSSAGDLD AATGDRGPQV TLSQAPAVGP WRPPGKESFV KSTFPEDESS SR
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	58,458 Da
Sequence Positions	17-462
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 Q5R770
Species	Pongo abelii (Sumatran orangutan)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for FCAMR recombinant protein	MBS1327869 is a recombinant protein targeting FCAMR. Also known as Recombinant Pongo abelii High affinity immunoglobulin alpha and immunoglobulin mu Fc receptor (FCAMR), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of FCAMR 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 FCAMR. It may not necessarily be applicable to this product.

NCBI GI #	197097866
NCBI GeneID	100171708

NCBI Accession #	NP_001124847.1
UniProt Primary Accession #	Q5R770
UniProt Secondary Accession #	Q5REH9
GenBank Nucleotide #	NM_001131375.1
NCBI Official Full Name	high affinity immunoglobulin alpha and immunoglobulin mu Fc receptor
UniProt Protein Name	High affinity immunoglobulin alpha and immunoglobulin mu Fc receptor
UniProt Synonym Protein Names	Fc alpha/mu receptor; CD_antigen: CD351
Protein Family	High affinity immunoglobulin alpha and immunoglobulin mu Fc receptor
UniProt Gene Name	FCAMR
UniProt Comments for FCAMR	Functions as a receptor for the Fc fragment of IgA and IgM. Binds IgA and IgM with high affinity and mediates their endocytosis. May function in the immune response to microbes mediated by IgA and IgM ().
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