C3 and PZP-Like Alpha-2-Macroglobulin Domain-Containing Protein 8 (CPAMD8) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	C3 and PZP-like alpha-2-macroglobulin domain-containing protein 8 (CPAMD8), Recombinant Protein
Full Product Name	Recombinant Human C3 and PZP-like alpha-2-macroglobulin domain-containing protein 8 (CPAMD8) , partial
Product Gene Name	CPAMD8 recombinant protein
Product Synonym Gene Name	CPAMD8
Sequence	AQPQAPGYLI AAPSVFRAGV EEVISVTIFN SPREVTVQAQ LVAQGEPVVQ SQGAILDKGT IKLKVPTGLR GQALLKVWGR GWQAEEGPLF HNQTSVTVDG RGASVFIQTD KPVYRPQHRV LISIFTVSPN LRPVNEKLEA YILDPRGSRM IEWRHLKPFC CGITNMSFPL SDQPVLGEWF IFVEMQGHAY NKSFEVQKYV LPKFELLIDP PRYIQDLDAC ETGTVRARYT FGKPVAGALM INMTVNGVGY YSHEVGRPVL RTTKILGSRD FDICV
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	199,171 Da
Sequence Positions	26-300aa; Partial
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.
OMIM	608841
3D Structure	ModBase 3D Structure for Q8IZJ3
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CPAMD8 recombinant protein	MBS1379834 is a recombinant protein targeting CPAMD8. Also known as Recombinant Human C3 and PZP-like alpha-2-macroglobulin domain-containing protein 8 (CPAMD8) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CPAMD8 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 CPAMD8. It may not necessarily be applicable to this product.

NCBI GI #	259016204
NCBI GeneID	27151

NCBI Accession #	Q8IZJ3.2
UniProt Primary Accession #	Q8IZJ3
UniProt Secondary Accession #	Q8NC09; Q9ULD7
UniProt Related Accession #	Q8IZJ3
NCBI Official Full Name	C3 and PZP-like alpha-2-macroglobulin domain-containing protein 8
NCBI Official Synonym Full Names	C3 and PZP like, alpha-2-macroglobulin domain containing 8
NCBI Official Symbol	CPAMD8
NCBI Official Synonym Symbols	VIP; ASGD8; K-CAP
UniProt Protein Name	C3 and PZP-like alpha-2-macroglobulin domain-containing protein 8
Protein Family	C3 and PZP-like alpha-2-macroglobulin domain-containing protein
UniProt Gene Name	CPAMD8
NCBI Protein Information	C3 and PZP-like alpha-2-macroglobulin domain-containing protein 8
NCBI Summary for CPAMD8	This gene encodes a member of the protease inhibitor I39 (alpha-2-macroglobulin) family of proteins. These proteins are important in innate and acquired immunity. The encoded protein is membrane-associated and proteolytically processed to generate two chains. Mutations in this gene cause a form of anterior segment dysgenesis, a developmental disorder of the eye. [provided by RefSeq, May 2017]
Research Articles on CPAMD8	**1.** study delineates a unique form of recessive anterior segment dysgeneses (ASD) and defines a role for CPAMD8, a protein of unknown function, in anterior segment development, implying another pathway for the pathogenicity of ASD
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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/recombinant-protein/c3-and-pzp-like-alpha-2-macroglobulin-domain-containing-protein-8-cpamd8/1379834