

Complement component C1q receptor Recombinant Protein | C1q recombinant protein

Complement component C1q receptor, 23-572aa, Mouse, His tag, Baculovirus

CATALOG # AAA48915	HOST Baculovirus	APPLICATIONS SDS-Page
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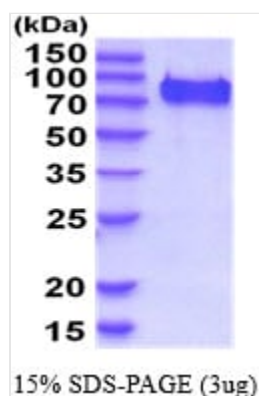
PRODUCT SYNONYMS

Complement component C1q receptor; 23-572aa; Mouse; His tag; Baculovirus; Cd93; C1q/MBL/SPA receptor; C1qRp; Cell surface antigen AA4; Lymphocyte antigen 68; Ly-68; C1q recombinant protein

PRODUCT SPECIFICATIONS

Host	Baculovirus
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In phosphate buffered saline (pH 7.4) containing 10% glycerol.
Concentration	0.5 mg/ml (determined by Absorbance at 280nm) (varies by lot)
Sequence	ADSQAVVCEG TACYTAHWGK LSAAEAQHRC NENGGNLATV KSEEEARHVQ QALTQLLKT APLEAKMGKF WIGLQREKGN CTYHDLPMRG FSWVGGGEDT AYSNWKASK SSCIFKRCVS LILDLSLTPH PSHLPKWHES PCGTPEAPGN SIEGFLCKFN FKGMCRPLAL GGPGRVTYTT PFQATTSSLE AVPFASVANV ACGDEAKSET HYFLCNEKTP GIFHWGSSGP LCVSPKFGCS FNNGGCQQDC FEGGDGSFRC GCRPGFRLLD DLVTCASRNP CSSNPCTGGG MCHSVPLSEN YTCRCPSGYQ LDSSQVHCVD IDECQDSPCA QDCVNTLGSF HCECWVGYQP SGPKEEACED VDECAAANSP CAQGCINTDG SFYCSCKEGY IVSGEDSTQC EDIDECSDAR GNPCDSLFCN TDGSFRCGCP PGWELAPNGV FCSRGTVFSE LPARPPQKED NDDRKESTMP PTEMPSSPSG SKDVSNRAQT TGLFVQSDIP TASVPLEIEI PSEVSDVWFE LGTYLPTTSG HSKPTHEDSV SAHSDDTDGQN LEHHHHHH
Sequence Length	644
Applicable Applications for C1q recombinant protein	SDS-PAGE
Tag Information	His-tag
Endotoxin Level	< 1.0 EU per 1 ug of protein (determined by LAL method)
Preparation and Storage	Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

ADDITIONAL INFORMATION

Related Product Information for C1q recombinant protein	CD93, also known as Complement component C1q receptor, is receptor (or element of a larger receptor complex) for C1q, mannose-binding lectin (MBL2) and pulmonary surfactant protein A (SPA). This protein mediates the enhancement of phagocytosis in monocytes and macrophages upon interaction with soluble defense collagens. It may play a role in intercellular adhesion. This protein was expressed on (pre)plasmablasts/plasma cells, including long-lived plasma cells that showed decreased cell cycle activity, high levels of isotype-switched Ig secretion, and modification of the transcriptional network. It is important for the maintenance of plasma cells in bone marrow niches. Recombinant mouse CD93, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Product Categories/Family for C1q recombinant protein	Immunology
References	Galvan MD., et al. (2012) J. Immunol. 188 (8):3716-3723.; Greenlee-Wacker MC., et al. (2012) Curr Drug Targets 13 (3):411-420.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6754578
NCBI GeneID	17064
NCBI Accession #	NP_034870
NCBI GenBank Nucleotide #	NM_010740.3
UniProt Accession #	O89103; Q3U2X0; A2AVY5
Molecular Weight	60.1kDa (558aa)
NCBI Official Full Name	complement component C1q receptor
NCBI Official Synonym Full Names	CD93 antigen
NCBI Official Symbol	Cd93
NCBI Official Synonym Symbols	Ly68; AA4.1; C1qr1; C1qrp; AA145088; AW555904; 6030404G09Rik
NCBI Protein Information	complement component C1q receptor
UniProt Protein Name	Complement component C1q receptor
UniProt Gene Name	Cd93
UniProt Synonym Gene Names	Aa4; C1qr1; C1qrp; Ly68; C1qR(p); C1qRp; Ly-68

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cd93-recombinant-protein-baculovirus-sds-page/48915>