9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

CD93 Mouse

CD93 Mouse Recombinant
CDA0128

Product Overview

Name	CD93 Mouse
Description	
CD93 Mouse Recombinant	
Accession (Primary)	O89103
Synonyms	
C1q/MBL/SPA receptor, C1qR(p), C1qRp, Cell surface antigen AA4, Complement, component 1 q subcomponent receptor 1, Lymphocyte antigen 68, Ly-68, CD93, Cd93.	
Introduction	
CD93, is a receptor or else an element of a larger receptor complex for C1q, MBL2-mannose-binding lectin and SPA-pulmonary surfactant protein A. CD93 mediates the enhancement of phagocytosis in monocytes as well as macrophages upon interaction with soluble defense collagens. CD93 takes part in the intercellular adhesion. Furthermore, CD93 was expressed on (pre) plasmablasts/plasma cells, including long-lived plasma cells which demonstrated decreased cell cycle activity, high levels of isotype-switched Ig secretion, as well as modification of the transcriptional network. CD93 is vital for the maintenance of plasma cells in bone marrow niches.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
CD93 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
ADSQAVVCEG TACYTAHWGK LSAAEAQHRC NENGGNLATV KSEEEARHVQ QALTQLLKTK APLEAKMGKF WIGLQREKGN CTYHDLPMRG FSWVGGGEDT AYSNWYKASK SSCIFKRCVS LILDLSLTPH PSHLPKWHES	

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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 GNPCDSLCFN TDGSFRCGCP PGWELAPNGV FCSRGTVFSE LPARPPQKED NDDRKESTMP PTEMPSSPSG SKDVSNRAQT TGLFVQSDIP TASVPLEIEI PSEVSDVWFE LGTYLPTTSG HSKPTHEDSV SAHSDTDGQN LEHHHHHH .

Precautions

CD93 Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O89103)