

Product information

CD93, 22-580aa

Human, His-tagged, Recombinant, Insect cell

Cat. No. IBATGP3395

Full name: Complement component C1q receptor

NCBI Accession No.: NP_036204

Synonyms: CD93, C1qR(P), C1QR1, C1qRP, CDw93, dJ737E23.1, ECSM3, MXRA4

Description: CD93, also known as complement component C1q receptor, belongs to a family of transmembrane glycoproteins which also includes endosialin and thrombomodulin. It is involved in various aspects of inflammatory reactions. CD93 is expressed by vascular endothelial cells and by a variety of hematopoietic cells. It is receptor for C1q, mannose-binding lectin (MBL2) and pulmonary surfactant protein A (SPA). Recombinant human CD93, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

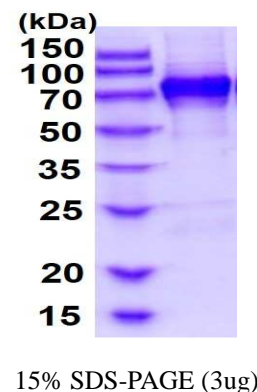
Molecular Weight: 59.3kDa (567aa)
70-100kDa (SDS-PAGE under reducing conditions.)

Predicted N terminal: Thr22

Purity: > 90% by SDS – PAGE.

Concentration: 0.5mg/ml (determined by Absorbance at 280nm)

Endotoxin Level: < 1.0 EU per 1µg of protein (determined by LAL method)



Sequences of amino acids:

TGADTEAVVC VGTACYTAHS GKLSAAEAQN HCNQNGGNLA TVKSKEEAQH VQRVLAQLLR REAALTARMS KFWIGLQREK GKCLDPSLPL
KGFSSWVGGGE DTPYSNWHKE LRNSCISKRC VSLLLDLSQP LLPSRLPKWS EGPCGSPGSP GSNIEGFVCK FSFKGMCRPL ALGGPGQVTY
TTPFQTTSSS LEAVPFASAA NVACGEGDKD ETQSHYFLCK EKAPDVFDWG SSGPLCVSPK YGCNFNNGGC HQDCFEGGDG SFLCGCRPGF
RLDDLVTCA SRNPCSSSPC RGGATCVLGP HGKNYTCRCP QGYQLDSSQL DCVDVDECQD SPCAQECVNT PGGFRCECWV GYEPGGPGEG
ACQDVDECAL GRSPCAQGCT NTDGSFHCS EEGYVLAGED GTQCQDVDEC VGGGPLCDS LCFNTQGSFH CGCLPGWVLA PNGVSCTMGP
VSLGPPSGPP DEEDKGEKEG STVPRAATAS PTRGPEGTPK ATPTTSRPSL SSDAPITSAP LKMLAPSGSP GVVREPSIHH ATAASGPQEP
AGGDSSVATQ NNDGTDGQKV EHHHHHH

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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Product information

General references:

McGreal EP., *et al.* (2002) *J Immunol.* 168:5222-5232.

Chevrier S., *et al.* (2009) *Proc Natl Acad Sci USA.* 106:3895-3900.

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.

Avoid repeated freezing and thawing cycles.

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