

CD93, 22-580aa, Human, His-tag, Baculovirus

Cat.NO.: TP01542

3th Edition

Synonyms: Complement component C1q receptor , CD93, C1qR(P), C1QR1, C1qRP, CDw93, dJ737E23.1, ECSM3, MXRA4, C1q receptor 1C1q/MBL/SPA receptor, C1qR, C1qR(p), C1qr1C1QR1_HUMAN.

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.)

Sequences:

TGADTEAVVCVGTACYTAHSGKLSAAEAQNHCNQNNGNLATVKSKEEAQHVQRVLAQLLRREAALTARMSKFWI
GLQREKKGKCLDPSLPLKGFVWGGGEDTPYSNWHKELRNSCISKRCVSLLLDLSQPLPSRLPKWSEGPCGSPGS
PGSNIEGFVCKFSFKGMCRPLALGGPGQVYTYTTPFQTTSSSLEAVPFASAANVACGEGDKDETQSHYFLCKEKAP
DVFDWGSSGPLCVSPKYGCNFNNGGCHQDCFEFGDGSFLCGCRPGFRLLDDLVTASRNPCSSSPCRGGATCV
LGPHGKNYTCRCPQGYQLDSSQLDCVDVDECQDSPCAQECVNTPGGFRCECWVGYEPGGPGEGACQDVDECA
LGRSPCAQGCTNTDGSFHCSC EEGYVLAGEDGTQCQDVDECVGPGGPLCDSLFCNTQGSFHCGLPGWVLAPN
GVSCTMGVSLGPPSGPPDEEDKGEKEGSTVPRAATASPTRGPEGTPKATPTTSRPSLSSDAPITSAPLKMLAPS
GSPGVWREPSIIHATAASGPQEPAGGDSSVATQNDGTDGQKVEHHHHHH

Purity: > 95% by HPLC

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

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

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.