

Recombinant Human C1qR/CD93 Protein

Catalog No.: RP00164 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	22918	Q9NPY3

Tags

C-hFc&His

Synonyms

C1qR(P);C1QR1;C1qRP;CDw93;dJ737E23.1;ECSM3;MXRA4;CD93

Product Information

Source	Purification
HEK293 cells	> 85% by SDS-PAGE.

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize freeze-thaw cycles.

Contact

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Background

C1q R1, also known as CD93 and C1q Rp, is an approximately 125 kDa cell-surface glycoprotein and type I membrane protein. The protein expressed on monocytes, neutrophils, endothelial cells, and stem cells. CD93 was originally identified as a myeloid cell-specific marker, but now is thought to instead be involved in intercellular adhesion and in the clearance of apoptotic cells. The intracellular cytoplasmic tail of this protein has been found to interact with moesin, a protein known to play a role in linking transmembrane proteins to the cytoskeleton and in the remodeling of the cytoskeleton.

Basic Information

Description

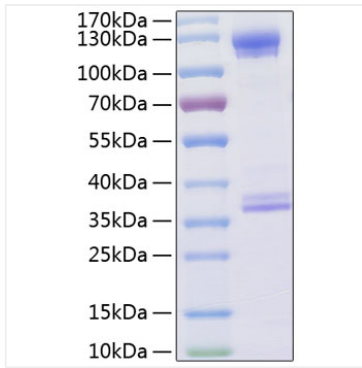
Recombinant Human C1qR/CD93 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ala24-Lys580) of human CD93/C1QR1 (Accession #NP_036204.2) fused with an Fc, 6×His tag at the C-terminus.

Bio-Activity

Storage

Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Human C1qR/CD93 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 110-130 kDa.