

RP00164

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Recombinant Human C1qR/CD93 Protein

Catalog No.: RP00164 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	22918	Q9NPY3

Tags

C-hFc&His

Synonyms

C1qR(P);C1QR1;C1qRP;CDw93;dJ737E2
3.1;ECSM3;MXRA4;CD93

Product Information

Source	Purification
	> 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 free-thaw cycles.

Background

C1q R1, also known as CD93 and C1q Rp, is an approximately 125 kDa cell-surface glycoprotein and type I membrane protei. 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 remodelling 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

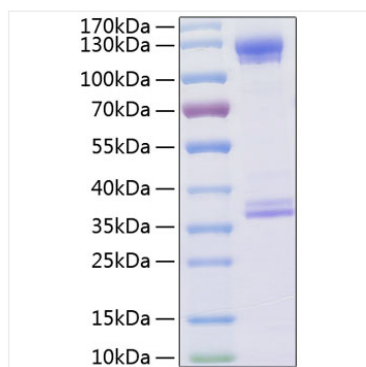
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



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