Recombinant Human C1qR/CD93 Protein

Catalog No.: RP00164

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Sequence Information

Species
Human

Gene ID
22918

Swiss Prot
Q9NPY3

Tags
C-hFc&His

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

Product Information

Source
HEK293 cells

Purification
≥ 85 % as determined by SDS-PAGE.

Calculated MW
84.91 kDa

Observed MW
110-130 kDa

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 stablizer (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.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

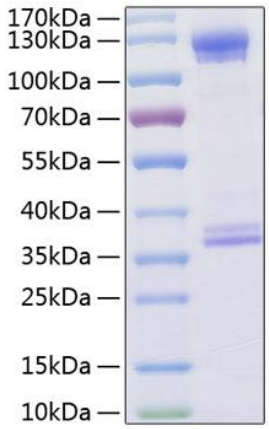
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Validation Data



Recombinant Human C1qR/CD93 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.