

RP02550B

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# Biotinylated Recombinant Human C1qR/CD93 Protein

Catalog No.: RP02550B

Recombinant

## Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	22918	Q9NPY3

### Tags

C-His&Avi

### Synonyms

C1q/MBL/SPA receptor; C1qR;  
C1qR(p); C1qRp; CDw93; CD93; C1QR1;  
MXRA4; ECSM3; dJ737E23.1

## Product Information

### Source

#### Purification

≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

### Endotoxin

< 1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

### Reconstitution

Centrifuge the tube 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.

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Background

CD93 has been shown critical roles in inflammatory and immune diseases. CD93 silencing increased IL-6 and TSLP, but not IL-33 levels in culture supernatants. HDM-induced asthma mice showed significant airway hyperresponsiveness and inflammation with Th2 cytokine activation, along with decreased CD93 expression in bronchial epithelial cells and lung homogenates but increased serum CD93 levels.

## Basic Information

### Description

Biotinylated Recombinant Human C1qR/CD93 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Thr22-Lys580) of Human C1qR/CD93 fused with a His and Avi tag at the C-terminal.

### Bio-Activity

### Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

### Operational Notes

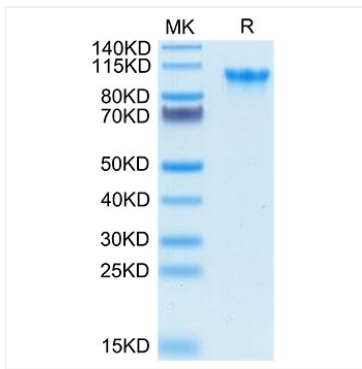
For your safety and health, please wear a lab coat and disposable gloves for handling.

### Storage

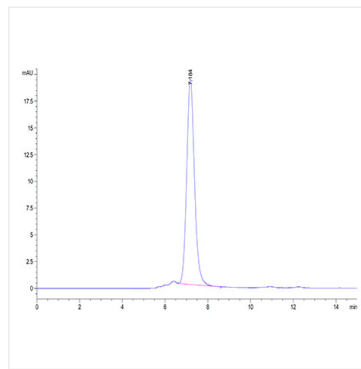
Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

\* For your safety and health, please wear a lab coat and disposable gloves when handling.

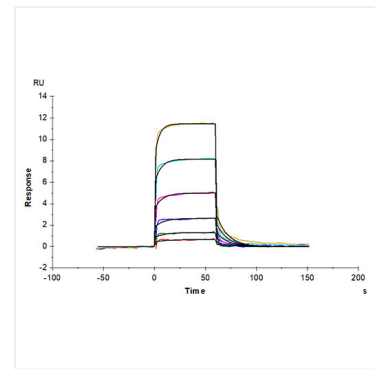
## Validation Data



Biotinylated Recombinant Human C1qR/CD93 Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Biotinylated Human CD93 is greater than 95% as determined by SEC-HPLC.



Biotinylated Human CD93, His-Avi Tag immobilized on CM5 Chip can bind Human IGFBP-7, His Tag with an affinity constant of  $0.17 \mu\text{M}$  as determined in SPR assay (Biacore T200).