

RP03523

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Recombinant Human SLC3A2/CD98 Protein

Catalog No.: RP03523

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	6520	P08195

Tags

N-His

Synonyms

SLC3A2; MDU1 , Amino acid transporter heavy chain
SLC3A2 , CD98

Product Information

Source

Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

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 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

Reconstitution

Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

Background

This protein is a member of the solute carrier family and encodes a cell surface, transmembrane protein. The protein exists as the heavy chain of a heterodimer, covalently bound through di-sulfide bonds to one of several possible light chains. The encoded transporter plays a role in regulation of intracellular calcium levels and transports L-type amino acids. Alternatively spliced transcript variants, encoding different isoforms, have been characterized.

Basic Information

Description

Recombinant Human SLC3A2/CD98 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Arg206-Ala630) of Human SLC3A2/CD98(Accession # AAH01061) fused with His tag at the N-terminus.

Bio-Activity

Immobilized Recombinant Human SLC3A2/CD98 Protein at 2µg/ml (100µl/well) on the plate. Dose response curve for Anti-FGL2 Antibody, hFc Tag with the EC50 of 0.29µg/ml determined by ELISA.

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.

Operational Notes

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

Storage

Store at -20°C
Avoid repeated freeze/thaw cycles.

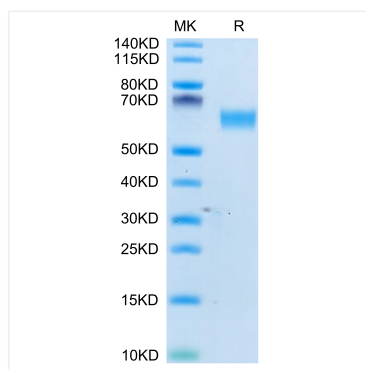
Contact



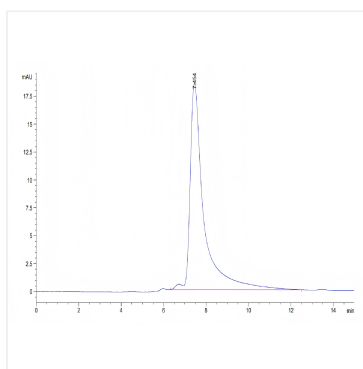
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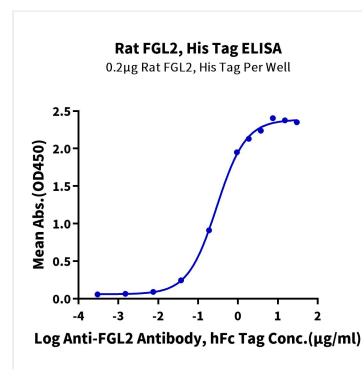
Validation Data



Recombinant Human SLC3A2/CD98 Protein was determined by SDS-PAGE under reducing conditions with Coomassie



The purity of Recombinant Human SLC3A2/CD98 Protein is greater than 95% as determined by SEC-HPLC.



Immobilized Recombinant Human SLC3A2/CD98 Protein at 2μg/ml (100μl/well) on the plate. Dose response curve for Anti-FGL2 Antibody, hFc Tag with the EC₅₀ of 0.29μg/ml determined by ELISA.