

Recombinant Human CFHR4 Protein

Catalog No.: RP02803

Sequence Information

Species **Gene ID**
Human 10877

Swiss Prot **Tags**
Q92496 C-His

Synonyms

Complement factor H-related protein 4; FHR-4; CFHR4; CFHL4

Product Information

Source **Purification**
HEK293 cells ≥ 95 % as determined by SDS-PAGE.

Calculated MW **Observed MW**
64.1 kDa 90-110 kDa

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.

Background

Complement factor H-related protein 4 is a protein that in humans is encoded by the CFHR4 gene. It is a secreted protein that belongs to the complement factor H protein family. Members of the H-related protein family are exclusively composed of individually folded protein domains. CFHR4 is synthesized as a 578 amino acid precursor that contains an 19 amino acid signal peptide and a 569 amino acid mature chain. Human CFHR4 is involved in complement regulation. It can associate with lipoproteins and may play a role in lipid metabolism.

Basic Information

Description

Recombinant Human CFHR4 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Glu20-Glu578) of human CFHR4 (Accession #NP_001188479.1) fused with a 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°C

Operational Notes

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

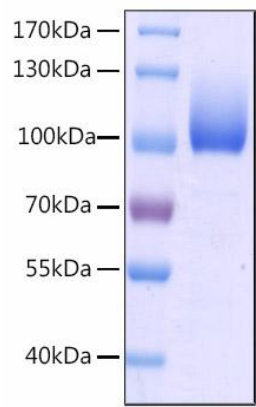
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Validation Data



Recombinant Human CFHR4 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.