Recombinant Human CFHR4 Protein



Catalog No.: RP02803 Recombinant

Sequence Information

Species Gene ID Swiss Prot Human 10877 092496

Tags

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 μ m 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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

a	400-999-6126
×	cn.market@abclonal.com.cn
	www.abclonal.com.cn

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 $6\times His$ tag at the C-terminus.

Bio-Activity

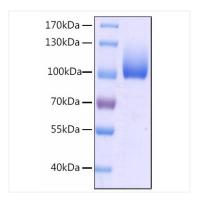
Storage

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.

Validation Data



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