



Recombinant Protein Technical Manual

Recombinant Human CFHR4 Protein (His Tag)

RPES3352

Product Data:

Product SKU: RPES3352

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: Q92496

Protein Information:

Molecular Mass: 64.1 kDa

AP Molecular Mass: 9010 kDa

Tag: C-6His

Bio-activity:

Purity: > 95% as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

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

Immunogen Information:

Sequence: Glu20-Glu578

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.