

Recombinant Human CFHR3 protein, His & GST-tagged

Cat. No. CFHR3-1773H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CFHR3 aa. (Gln19~Glu330) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Gln19~Glu330
Description	The protein encoded by this gene is a secreted protein, which belongs to the complement factor H-related protein family. It binds to heparin, and may be involved in complement regulation. Mutations in this gene are associated with decreased risk of age-related macular degeneration, and with an increased risk of atypical hemolytic-uremic syndrome. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	65kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Isoelectric Point	7.8

GENE INFORMATION

Gene Name	CFHR3 complement factor H related 3 [Homo sapiens (human)]
Official Symbol	CFHR3
Synonyms	CFHR3; complement factor H related 3; FHR3; HLF4; CFHL3; FHR-3; DOWN16; complement factor H-related protein 3; H factor-like 4; H factor-like protein 3
Gene ID	10878
mRNA Refseq	NM_001166624.1

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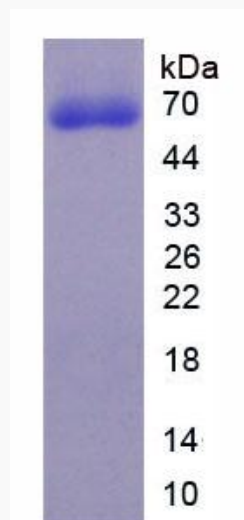
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Protein Refseq NP_001160096.1

UniProt ID Q02985

SDS-PAGE



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