Recombinant Human CFHR3 Protein, His-tagged

Cat. No. CFHR3-766H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CFHR3 Protein (Gln19-Glu330) with His tag was expressed in E. coli.
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	Predicted Molecular Mass: 39.1 kDa; Accurate Molecular Mass: 39 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

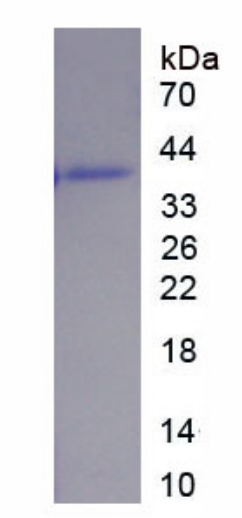
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	accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 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.

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_021023
Protein Refseq	NP_066303
MIM	605336
UniProt ID	Q02985

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