

Active Recombinant Human CFHR5 Protein, His-tagged

Cat. No. CFHR5-774H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CFHR5 (Accession # NP_110414) Glu19-Glu569, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	Glu19-Glu569
Predicted N Terminal	Glu19
Form	Lyophilized from a 0.2 µm filtered solution in Tris and NaCl.
Bio-activity	Measured by its ability to inhibit the binding of biotinylated Recombinant Human Complement Factor H-related 5/CFHR5 to immobilized Recombinant Human C-Reactive Protein/CRP. McRae, J.L. et al. (2005) J. Immunol. 174:6250. Immobilized rhFGF R4/Fc Chimera at 5 µg/mL (100 µL/well) can bind rhFGF-12 with a linear range of 1.6 - 100 ng/mL.
Molecular Mass	Recombinant Human CFHR5, His-tagged has a calculated MW of 64 kDa. In SDS-PAGE migrates as 73 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

 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

lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

Reconstitution

Reconstitute at 100 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION
Gene Name

CFHR5 complement factor H-related 5 [Homo sapiens (human)]

Official Symbol

CFHR5

Synonyms

FHR5; CFHL5; FHR-5; CFHR5D; complement factor H-related protein 5; complement factor H-related protein 5; factor H-related protein 5

Gene ID

81494

mRNA Refseq

NM_030787.3

Protein Refseq

NP_110414.1

MIM

608593

UniProt ID

Q9BXR6

**Chromosome
Location**

1q31.3

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