

## Recombinant Human CFHR1 protein, His-tagged

**Cat. No.** CFHR1-8555H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CFHR1 protein(Q03591) (Met1-Arg330) was expressed in HEK293 with a polyhistidine tag at the C-terminus.                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                 |
| <b>Source</b>           | HEK293                                                                                                                                                                                |
| <b>ProteinLength</b>    | 1-330 aa                                                                                                                                                                              |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                 |
| <b>Molecular Mass</b>   | The recombinant human CFHR1 consists of 323 amino acids and predicts a molecular mass of 37.2 KDa. It migrates as an approximately 45 KDa band in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                                                       |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE.                                                                                                                                                     |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.  |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.         |

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## GENE INFORMATION

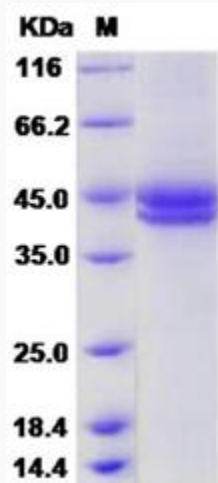
|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CFHR1 complement factor H-related 1 [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Official Symbol</b> | CFHR1                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>        | CFHR1; complement factor H-related 1; CFHL1, CFHL1P, CFHR1P, complement factor H related 1 pseudogene, H factor (complement) like 1, H factor (complement) like 2, HFL1, HFL2; complement factor H-related protein 1; CFHL; FHR1; H36 1; H36 2; H36; FHR-1; H-factor-like 1; h factor-like protein 1; H factor (complement)-like 1; H factor (complement)-like 2; complement factor H-related 1 pseudogene; HFL1; HFL2; CFHL1; H36-1; H36-2; CFHL1P; CFHR1P; MGC104329; |
| <b>Gene ID</b>         | 3078                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>mRNA Refseq</b>     | NM_002113                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Protein Refseq</b>  | NP_002104                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>MIM</b>             | 134371                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID</b>      | Q03591                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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SDS-PAGE



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