

## Product datasheet for **TP329800M**

### CFHR3 (NM\_001166624) Human Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Homo sapiens complement factor H-related 3 (CFHR3), transcript variant 2, 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC229800 representing NM_001166624 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MLLLINVILTLWVSCANGQVKPCDFPDIKHGGLFHENMRRPYFPVAVGKYYSYCCDEHFETPSGSYWDYI HCTQNGWSPAAPCLRKCYFPYLENGYNQNYGRKFVQGNSTEVACHPGYGLPKAQTTVTCTEKGWSPTPRC IRVNSSEKCGPPPPISNGDTSFLLKVYVPQSRVEYQCQPYYELQGSNYVTCSNGEWSEPPRCIHPCIIT EENMNKNNIKLKGRSDRKYYAKTGDTIEFMCKLGYNANTSILSFQAVCREGIVEYPRCE</p> <p><b>TR</b>TRPLE<b>QKLISEEDLAANDILDYKDDDDK</b>V</p>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	31.2
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	NULL or Add: Recombinant proteins was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u><a href="#">NP_001160096</a></u>
<b>Locus ID:</b>	10878



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UniProt ID: [Q02985](#)

Cytogenetics: 1q31.3

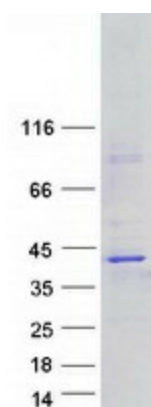
RefSeq ORF: 807

Synonyms: CFHL3; DOWN16; FHR-3; FHR3; HLF4

**Summary:** 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. [provided by RefSeq, Oct 2011]

**Protein Families:** Secreted Protein

### Product images:



Coomassie blue staining of purified CFHR3 protein (Cat# [TP329800]). The protein was produced from HEK293T cells transfected with CFHR3 cDNA clone (Cat# [RC229800]) using MegaTran 2.0 (Cat# [TT210002]).