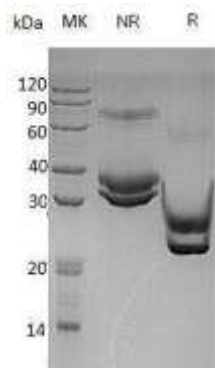


## Recombinant Human CFHR2

Catalog No: C517

<b>Description</b>	Recombinant Human Complement Factor H-Related 2 is produced by our Mammalian expression system and the target gene encoding Glu19-Lys270 is expressed with a 6His tag at the C-terminus.
<b>Source</b>	Human Cells
<b>Alternative name</b>	Complement Factor H-Related Protein 2; FHR-2; DDESK59; H Factor-Like 3; H Factor-Like Protein 2; CFHR2; CFHL2; FHR2; HFL3
<b>Accession No.</b>	P36980
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 200mM NaCl, 2mM EDTA, pH 7.4.
<b>Reconstitution</b>	<p>Always centrifuge tubes before opening. Do not mix by vortex or pipetting.</p> <p>It is not recommended to reconstitute to a concentration less than 100µg/ml.</p> <p>Dissolve the lyophilized protein in distilled water.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
<b>Quality Control</b>	<p>Purity: Greater than 95% as determined by reducing SDS-PAGE.</p> <p>Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.</p>
<b>Shipping</b>	<p>The product is shipped at ambient temperature.</p> <p>Upon receipt, store it immediately at the temperature listed below.</p>
<b>Storage</b>	<p>Lyophilized protein should be stored at &lt; -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>
<b>Amino Acid Sequence</b>	<p>EAMFCDFPKINHGILYDEEKYPFSQVPTGEVFYYSCEYNFVSPSKSFWTRITCAEEGWSPTPKCLRL</p> <p>CFFPFVENGHSESSGQT</p> <p>HLEGDTVQIICNTGYRLQNNENNISCVERGWSTPPKCRSTISAEKCGPPPIDNGDITSFLLSVYAPGS</p> <p>SVEYQCQNLYQLEGNN</p> <p>QITCRNGQWSEPPKCLDPCVISQIMEKYNIKLKWTNQQKLYSRTGDIVEFVCKSGYHPTKSHSFRAM</p> <p>CQNGKLVYPSCEEKV DHHHHHH</p>
<b>Background</b>	Complement Factor H-Related Protein 2 (CFHR2) is a secreted protein that belongs to the complement factor H protein family. Members of the H-related protein family are exclusively composed of individually folded protein domains, termed short consensus repeats (SCRs) or complement control modules. CFHR2 is synthesized as a 270 amino acid precursor that contains an 18 amino acid signal peptide and a 252 amino acid mature chain with 4 Sushi (CCP/SCR) domains. CFHR2 is synthesized in the liver and secreted into plasma. It may be involved in complement regulation. CFHR2 can also be associated with lipoproteins and may play a role in lipid metabolism.

### SDS-Page



MK: Marker

NR: Sample under non-reducing conditions

R: Sample under reducing conditions