

# Recombinant Human CFHR2 (C-6His)

Catalog # EPT125

**Expression Host** Human Cells

**DESCRIPTION** 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.

Accession P36980

**Synonyms** Complement Factor H-Related Protein 2; FHR-2;

DDESK59; H Factor-Like 3; H Factor-Like Protein 2;

CFHR2; CFHL2; FHR2; HFL3

Mol Mass 29.78 KDa

**AP Mol Mass** 31&35 KDa, reducing conditions

**Purity** Greater than 95% as determined by reducing

SDS-PAGE.

**Endotoxin** Less than 0.1 ng/μg (1 EU/μg) as determined by LAL

test.

**FORMULATION** Lyophilized from a 0.2 µm filtered solution of 20mM

PB, 200mM NaCl, 2mM EDTA, pH 7.4.



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#### RECONSTITUTION

Always centrifuge tubes before opening.Do not mix by vortex or pipetting.

It is not recommended to reconstitute to a concentration less than 100µg/ml.

Dissolve the lyophilized protein in distilled water.

Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## **SHIPPING**

The product is shipped at ambient temperature.

Upon receipt, store it immediately at the temperature listed below.

## **STORAGE**

Lyophilized protein should be stored at < -20 ° C, though stable at room temperature for 3 weeks.

Reconstituted protein solution can be stored at 4-7°C for 2-7 days.

Aliquots of reconstituted samples are stable at < -20° C for 3 months.

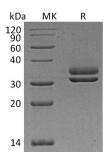
#### **BACKGROUND**

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** 

