# Recombinant Human CFHR2 Protein (His Tag)

Catalog Number: PKSH032275



Note: Centrifuge before opening to ensure complete recovery of vial contents.

### **Description**

Synonyms Complement Factor H-Related Protein 2;FHR-2;DDESK59;H Factor-Like 3;H

Factor-Like Protein 2;CFHR2;CFHL2;FHR2;HFL3

Species Human

Expression Host HEK293 Cells
Sequence Glu19-Lys270

AccessionP36980Calculated Molecular Weight29.8 kDaObserved molecular weight31&35 kDaTagC-His

# **Properties**

**Purity** > 95 % as determined by reducing SDS-PAGE.

**Endotoxin** < 1.0 EU per µg of the protein as determined by the LAL method.

**Storage** Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to

-80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots

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

Shipping This product is provided as lyophilized powder which is shipped with ice packs.
 Formulation Lyophilized from a 0.2 μm filtered solution of 20mM PB, 200mM NaCl, 2mM

EDTA, pH 7.4.

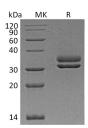
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as

protectants before lyophilization.

Please refer to the specific buffer information in the p

**Reconstitution** Please refer to the printed manual for detailed information.

#### Data



> 95 % as determined by reducing SDS-PAGE.

## **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.

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