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## Datasheet for ABIN7319271 CFHR1 Protein (His tag)

### Overview

Quantity:	50 µg
Target:	CFHR1
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CFHR1 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human CFHR1 Protein (His Tag)
Sequence:	Glu19-Arg330
Characteristics:	Recombinant Human Complement Factor H-Related 1 is produced by our Mammalian expression system and the target gene encoding Glu19-Arg330 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	CFHR1
Alternative Name:	CFHR1 ( <a href="#">CFHR1 Products</a> )
Background:	Background: Complement Factor H-Related 1 (CFHR1) is a 43 kDa secreted member of the factor H family of glycoproteins. The human Complement Factor H protein family consists of

## Target Details

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the complement and immune regulators factor H, the factor H-like protein 1 (FHL-1) and five factor H-related proteins (CFHR-1 to -5). Members of the H-related protein family are exclusively composed of individually folded protein domains, termed short consensus repeats (SCRs) or complement control modules. FHR1 is produced by hepatocytes and circulates as two differentially glycosylated isoforms (37 kDa and 43 kDa). Mature human FHR1 is 312 amino acids in length. It contains five, approximately 60 aa SCRs that basically constitute the entire molecule. FHR1 may play a role in complement regulation, lipid metabolism and lipoprotein complexes that bind PMNs to LPS.

Synonym: Complement Factor H-Related Protein 1, FHR-1, H Factor-Like Protein 1, H-Factor-Like 1, H36, CFHR1, CFHL, CFHL1, CFHL1P, CFHR1P, FHR1, HFL1, HFL2

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Molecular Weight: 36.8 kDa

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UniProt: [Q03591](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, 2 mM EDTA, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: 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.