

Datasheet for ABIN7318330 **CFHR5 Protein (His tag)**



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Overview

Quantity:	50 µg
Target:	CFHR5
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CFHR5 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human CFHR5 Protein (His Tag)
Sequence:	Glu19-Glu569
Characteristics:	Recombinant Human Complement Factor H-Related 5 is produced by our Mammalian expression system and the target gene encoding Glu19-Glu569 is expressed with a 6His tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CFHR5
Alternative Name:	CFHR5 (CFHR5 Products)
Background:	Background: Complement factor H-related protein 5(FHR-5 for short), is a secreted protein which contains 9 Sushi (CCP/SCR) domains. It is expressed by the liver and secreted in plasma.

Target Details

The pattern of the deposits is similar to other complement components, suggesting that FHR-5 may play a role in complement activation and regulation. Defects in CFHR5 have been found in patients with atypical hemolytic uremic syndrome and may contribute to the disease. In contrast to typical hemolytic uremic syndrome, atypical forms have a poorer prognosis, with higher death rates and frequent progression to end-stage renal disease.

Synonym: Complement factor H-related protein 5,CFHR5,CFHL5,FHR5

Molecular Weight: 63.5 kDa

UniProt: [Q9BXR6](#)

Application Details

Restrictions: For Research Use only

Handling

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, 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.