

## Product datasheet for **TP724816**

### CFHR5 Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Complement Factor H-Related Protein 5/CFHR5 (C-His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Glu19-Glu569
Tag:	C-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH7.4
Note:	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.
Stability:	12 months from date of despatch
Locus ID:	81494
UniProt ID:	<a href="#">Q9BXR6</a>
Summary:	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. 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.



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