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## Product Datasheet

### Recombinant Human CFHR5 (C-6His) EBT-EPT124

Article Name	Recombinant Human CFHR5 (C-6His)
Biozol Catalog Number	EBT-EPT124
Supplier Catalog Number	EPT124
Alternative Catalog Number	EBT-EPT124-50
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	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....
Molecular Weight	Molecular weight: 63.5 KDa. Apparent molecular weight: 61 KDa, reducing conditions
UniProt	<a href="#">Q9BXR6</a>
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes	<p>Redissolve: 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.. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. 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. 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</p>
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