

Recombinant Human Complement Factor H-related 5/CFHR5 Protein(C-6His)

Cat.NO.: TP05034

3th Edition

Synonyms: Complement factor H-related protein 5; CFHR5; CFHL5; FHR5

Description: 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.

Form: PBS

Molecular Weight: 63.5 kDa

Sequences: Glu19-Glu569

Purity: > 95% by HPLC

Concentration:

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.