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Product Datasheet

Recombinant Human CFHR1 (C-6His)
EBT-EPT123

Artikelname	Recombinant Human CFHR1 (C-6His)
Artikelnummer	EBT-EPT123
Hersteller Artikelnummer	EPT123
Alternativnummer	EBT-EPT123-50
Hersteller	ELK Biotechnology
Kategorie	Proteine/Peptide
Produktbeschreibung	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....
Molekulargewicht	Molecular weight: 36.78 KDa. Apparent molecular weight: 39-43 KDa, reducing conditions
UniProt	Q03591
Reinheit	Greater than 95% as determined by reducing SDS-PAGE.

Anwendungsbeschreibung	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 1 (CFHR1) is a 43 kDa secreted member of the factor H family of glycoproteins. The human Complement Factor H protein family consists of 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