

32-9176: Recombinant Human Complement Factor H-related Protein 1/CFHR1(C-His)

Alternative Name : Complement Factor H-Related Protein 1; FHR-1; H Factor-Like Protein 1; H-Factor-Like 1; H36;CFHR1; CFHL; CFHL1; CFHL1P; CFHR1P; FHR1; HFL1; HFL2

Description

Source : Human 293 Cells;

Complement factor H-related protein 1 (CFHR1) is a secreted protein that is a member of the complement factor H protein family. CFHR1 is expressed by hepatocytes and exists as two differentially glycosylated isoforms. 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. CFHR1 binds to *Pseudomonas aeruginosa* elongation factor Tuf together with plasminogen, which is proteolytically activated. CFHR1 might mediate complement regulation. It can associate with lipoproteins and may play a role in lipid metabolism. A common CFHR1/CFHR3 genetic deletion has been recognized as being protective against age-related macular degeneration and nephropathy.

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, 0.01%Tween 80, pH 7.4

Amino Acid : 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.