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# 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.

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***