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32-9358: Recombinant Mouse Protein beta-1-H/CFH(C-6His)

Alternative Name : Complement factor H;Protein beta-1-H;CFH

Description

Source : Human Cells;
Complement factor H(CFH) is a 155 kDa glycoprotein that functions as a cofactor in the inactivation of C3b by factor I. It also increases the rate of dissociation of the C3bBb complex (C3 convertase) and the (C3b)NBB complex (C5 convertase) in the alternative complement pathway. CFH expressed by the liver and secreted in plasma. This recombinant protein corresponds to SCR15-20 which encompass the primary binding sites for heparin and C3b as well as for the peptide hormone adrenomedullin. Within SCR15-20, mouse Factor H shares 60% and 80% amino acid sequence identity with human and rat Factor H, respectively. Dozens of mutations clustered in SCR15-20 are associated with atypical hemolytic uremic syndrome, a disorder characterized by anemia, thrombocytopenia, and renal failure.

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of 20 mM Tris,150mM NaCl,pH8.0.

Amino Acid : Recombinant Mouse Complement factor H is produced by our Mammalian expression system and the target gene encoding Ser875-Val1252 is expressed with a 6His tag at the C-terminus.

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