

Recombinant Human CFHR1 protein, GST-tagged

Cat. No. CFHR1-27138TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CFHR1(19 a.a. - 330 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	19-330 a.a.
Description	This gene encodes a secreted protein belonging to the complement factor H protein family. It binds to Pseudomonas aeruginosa elongation factor Tuf together with plasminogen, which is proteolytically activated. It is proposed that Tuf acts as a virulence factor by acquiring host proteins to the pathogen surface, controlling complement, and facilitating tissue invasion. Mutations in this gene are associated with an increased risk of atypical hemolytic-uremic syndrome.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	60.06 kDa
AA Sequence	EATFCDFPKINHGILYDEEKYKPFQVPTGEVFFYSCEYNFVSPSKSFWTRITCTEEG WSPTPKLRLCFFPFVE NGHSESSGQTHLEGDTVQIICNTGYRLQNNENNISCVER GWSTPPKCRSTDTSCVNPPTVQNAHILSRQMSKYPS GERVRYECSRSPYEMFGDE EVMCLNGNWTEPPQCKDSTGKCGPPPIDNGDITSFPLSVYAPASSVEYQCQNLQ L EGNKRITCRNGQWSEPPKCLHPCVISREIMENYNIALRWTAKQKLYLRTGESAEFV

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CKRGYRLSSRSHTLRTTCW DGKLEYPTCAKR

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

CFHR1 complement factor H-related 1 [Homo sapiens]

Official Symbol

CFHR1

Synonyms

CFHR1; complement factor H-related 1; CFHL1, CFHL1P, CFHR1P, complement factor H related 1 pseudogene , H factor (complement) like 1 , H factor (complement) like 2 , HFL1, HFL2; complement factor H-related protein 1; CFHL; FHR1; H36 1; H36 2; H36; FHR-1; H-factor-like 1; h factor-like protein 1; H factor (complement)-like 1; H factor (complement)-like 2; complement factor H-related 1 pseudogene; HFL1; HFL2; CFHL1; H36-1; H36-2; CFHL1P; CFHR1P; MGC104329;

Gene ID

3078

mRNA Refseq

NM_002113

Protein Refseq

NP_002104

MIM

134371

UniProt ID

Q03591

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Chromosome	1q32
Location	

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