Recombinant Human CFHR2, His-tagged

Cat. No. CFHR2-320H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CFHR2 produced by transfected human cell is a secreted protein with sequence(Glu19 - Lys270) of human CFHR2 fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	Human Cells
ProteinLength	19-270 a.a.
Description	Complement factor H-related protein 2 is a secreted protein that belongs to the complement factor H protein family. Members of the H-related protein family are exclusively composed of individually folded protein domains, termed short consensus repeats (SCRs) or complement control modules. CFHR2 is synthesized as a 270 aa precursor that contains an 18 aa signal peptide and a 252 aa mature chain with 4 Sushi (CCP/SCR) domains. CFHR2 is synthesized in the liver and secreted into plasma. It may be involved in complement regulation. CFHR2 can also be associated with lipoproteins and may play a role in lipid metabolism.
Formulation	Lyophilized from a 0.2μm filtered solution of 20mM PB,150mM NaCl,pH7.2.
Purity	Greater than 95% as determined by SEC-HPLC and SDS-PAGE.
Endotoxin	Less than 0.1 ng/μg (1 IEU/μg)

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Reconstitution	It is recommended to reconstitute the lyophilized Recombinant Human CFHR2 in PBS not less than 100µg/ml, which can then be further diluted to other aqueous solution.
Storage	Lyophilized should be stored at less than -20°C, though stable at room temperature for 3 weeks. Aliquots of reconstituted samples are stable at less than -20°C for 3 months. Please avoid freeze-thaw cycles.
OfficialSymbol	CFHR2

GENE INFORMATION

Gene Name	CFHR2 complement factor H-related 2 [Homo sapiens]
Synonyms	CFHR2; complement factor H-related 2; CFHL2, H factor (complement) like 3 , HFL3; complement factor H-related protein 2; FHR2
Gene ID	3080
mRNA Refseq	NM_005666
Protein Refseq	NP_005657
MIM	600889
UniProt ID	P36980
Chromosome Location	1q31.3

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