Recombinant Human CFHR5 Protein (Glu19-Glu569), C-His tagged

Cat. No. CFHR5-1002H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CFHR5 (Glu19-Glu569) fused with the C-terminal His tag was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
ProteinLength	Glu19-Glu569
Description	This gene is a member of a small complement factor H (CFH) gene cluster on chromosome 1. Each member of this gene family contains multiple short consensus repeats (SCRs) typical of regulators of complement activation. The protein encoded by this gene has nine SCRs with the first two repeats having heparin binding properties, a region within repeats 5-7 having heparin binding and C reactive protein binding properties, and the C-terminal repeats being similar to a complement component 3 b (C3b) binding domain. This protein co-localizes with C3, binds C3b in a dose-dependent manner, and is recruited to tissues damaged by C-reactive protein. Allelic variations in this gene have been associated, but not causally linked, with two different forms of kidney disease: membranoproliferative glomerulonephritis type II (MPGNII) and hemolytic uraemic syndrome (HUS).
Form	Lyophilized powder/frozen liquid
Molecular Mass	60.61 kDa

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Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS or lyophilized from PBS.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	CFHR5 complement factor H related 5 [Homo sapiens (human)]
Official Symbol	CFHR5
Synonyms	CFHR5; complement factor H related 5; FHR5; CFHL5; FHR-5; CFHR5D; complement factor H-related protein 5; factor H-related protein 5
Gene ID	81494
mRNA Refseq	NM_030787
Protein Refseq	NP_110414
MIM	608593

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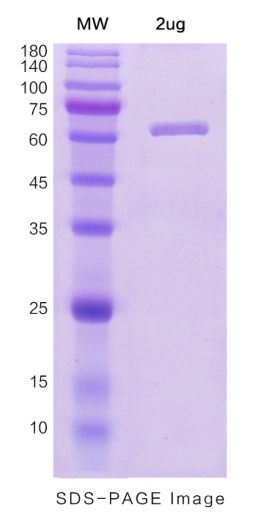
UniProt ID	Q9BXR6
SDS-PAGE	

SDS-PAGE Image

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