

Recombinant Human CFHR5, GST-tagged

Cat. No. CFHR5-922H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CFHR5 fused with GST-tag at N-terminal, was expressed in vitro wheat germ.
Species	Human
Source	Wheat Germ
Description	A mutation in CHFR5 was found in patients with the disease CFHR5 nephropathy, which is a common cause of renal disease in Cyprus. The mutated form of the protein found in patients with this disease has impaired ability to bind to complement C3, suggesting that CFHR5 is important in protecting the kidneys from attack by the complement system.
MolecularMass	90.8 kDa
Sequence	MLLLFSVILISWVSTVGEGTLCDFPKIHHGFLYDEEDYNPFSQVPTGEVFYYSCEYN FVSPSKSFWTRITCTEEGWSP TPKCLRMCSFPFVKNGHSESSGLIHLEGDTVQIICN TGYSLQNNEKNISCVERGWSTPPICSFTKGECHVPILEANVD AQPKKESYKVGDLV KFSCRKNLIRVGSDSVQCYQFGWSPNFPTCKGQVRSCGPPPPQLSNGEVKEIRKEE YGHNEVV EYDCNPNIINGPKKIQCVDGEWTTLPCTVEQVKTCGYIPELEYGYVQPS VPPYQHGVSVVEVNCRNEYAMIGNNMITCIN GIWTELPMTVATHQLKRCKIAGVNIKT LLKLSGKEFNHNSRIRYRCSDIFRYRHVCINGKWNPEVDCTEKREQFCPPP PQIPN AQNMTTTTVNYQDGEKVAVLCKENYLLPEAKEIVCKDGRWQSLPRCVESTAYCGPPP SINNGDTTSFPLSVYPPG STVTYRCQSFYKLQGSVTVTCRNKQWSEPPRCLDPCV

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	VSEENMNKNNIQLKWRNDGKLYAKTGDAVEFQCKFPHKA MISSPPFRAICQEGKFE YPICE
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Storage	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.
OfficialSymbol	CFHR5

GENE INFORMATION

Gene Name	CFHR5 complement factor H-related 5 [Homo sapiens]
Synonyms	FHR5; CFHL5; FHR-5; complement factor H-related protein 5; factor H-related protein 5; complement factor H-related 5
Gene ID	81494
mRNA Refseq	NM_030787
Protein Refseq	NP_110414
MIM	608593
UniProt ID	Q9BXR6

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Chromosome	1q31.3
Location	

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