

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	<p>MLLLFSVILISWVSTVGGEGTLCDFPKIHHGFLYDEEDYNPFSQVPTGEVFYYSCEYN FVSPSKSFWTRITCTEEGWSP TPKCLRMCSFPFVKNGHSESSGLIHLEGDTVQIICN TGYSLQNNNEKNISCV ERGWSTPPICSFTKGECHVPILEANVD AQPKKESYKVGDL KFSCRKNLIRVGSDSVQCYQFGWSPNFPTCKGQVRSCGPPQLSNGEVKEIRKEE YGHNEVV EYDCNPNFIINGPKKIQCVDGEWTTLP TCVEQVKTCGYIPELEYGYVQPS VPPYQHGVSV EVCNCRNEYAMIGNNMITCIN GIWTELP MCVATHQLKRCKIAGVNIKT LLKLSGKEFNHNSRIRYRCSDIFRYRHSVCINGKWNPEVDCTEKREQFCPPP PQIPN AQNMTTTVNYQDGEKVAVLCKENYLLPEAKEIVCKDGRWQSLPRCV ESTAYCGPPP SINNGDTTSFPLSVYPPG STVTYRCQSFYKLQGSVTVTCRNKQWSEPPRCLDPCV</p>

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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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