

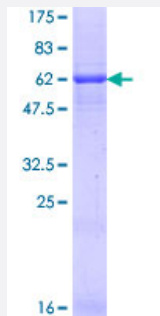
Full-Length

CFHR1 (Human) Recombinant Protein (P01)

Catalog # H00003078-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CFHR1 full-length ORF (AAH16755.1, 19 a.a. - 330 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

EATFCDFPKINHGILYDEEKYKPFSSQVPTGEVFYYSCEYNFVSPSKSFWTRITCTEEGWSPTPKCL
RLCFFPFVENGHSESSGQTHLEGDTVQIICNTGYRLQNNENNISCVERGWSTPPKCRSTDTSNVN
PPTVQNAHILSRQMSKYPSGERVRYECSRPYEMFGDEEVMCLNGNWTEPPQCKDSTGKCGPPP
PIDNGDITSFPLSVYAPASSVEYQCQNLYQLEGNKRITCRNGQWSEPPKCLHPCVISREIMENYNIA
LRWTAKQKLYLRTGESAEFVCKRGYRLSSRSHTLRTTCWDGKLEYPTCAKR

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

60.06

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

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.

Applications

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

Gene Info — CFHR1

Entrez GeneID	3078
GeneBank Accession#	BC016755
Protein Accession#	AAH16755.1
Gene Name	CFHR1
Gene Alias	CFHL, CFHL1, CFHL1P, CFHR1P, FHR1, H36-1, H36-2, HFL1, HFL2, MGC104329
Gene Description	complement factor H-related 1
Omim ID	134371
Gene Ontology	Hyperlink
Other Designations	H factor (complement)-like 1 H factor (complement)-like 2 OTTHUMP00000034408 complement f actor H-related 1 pseudogene

Publication Reference

- [Electrochemical ELISA-based platform for bladder cancer protein biomarker detection in urine.](#)

Arya SK, Estrela P.

Biosensors & Bioelectronics 2018 Oct; 117:620.

Application: ELISA, Func, N/A, Synthetic urine

- [FHR-1 Binds to C-Reactive Protein and Enhances Rather than Inhibits Complement Activation.](#)

Csincsi ÁI, Szabó Z, Bánlaki Z, Uzonyi B, Cserhalmi M, Kárpáti É, Tortajada A, Caesar JJE, Prohászka Z, Jokiranta TS, Lea SM, Rodríguez de Córdoba S, Józsi M.

Journal of immunology 2017 Jul; 199(1):292.

Application: ELISA, Func, Recombinant protein

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hemolytic-Uremic Syndrome](#)
- [Lymphoma](#)
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