

Recombinant Full Length Human FCN1 Protein, GST-tagged

Cat. No. FCN1-4764HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human FCN1 full-length ORF (NP_001994.2, 1 a.a. - 326 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	326 amino acids
Description	The ficolin family of proteins are characterized by the presence of a leader peptide, a short N-terminal segment, followed by a collagen-like region, and a C-terminal fibrinogen-like domain. The collagen-like and the fibrinogen-like domains are also found separately in other proteins such as complement protein C1q, C-type lectins known as collectins, and tenascins. However, all these proteins recognize different targets, and are functionally distinct. Ficolin 1 encoded by FCN1 is predominantly expressed in the peripheral blood leukocytes, and has been postulated to function as a plasma protein with elastin-binding activity. [provided by RefSeq, Jul 2008]
Molecular Mass	61.5 kDa
AA Sequence	MELSGATMARGLAVLLVFLHIKLNLPAAADTCPEVKVVGLEGSDKLTILRGCPGLP GAPGPKGEAGVIGERGERGLPGAPGKAGPVGPKGDRGEKGMERGEKGDAGQSQS CATGPRNCKDLLDRGYFLSGWHTIYLPDCRPLTVLCDMDTDGGGWTVFQRRMDGS VDFYRDWAAYKQGFGSQLGEFWLGNDNIHALTAQGSSELRVLDLDFEGNHQFAKY KSFKVADEAEKYKLVLGAFVGGSSAGNSLTGHNNNFFSTKDQDNDVSSSNCAEKFKQ

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GAWWYADCHASNLNGLYLMGPHESEYANGINWSAAKGYKYSYKVSEMKVRPA

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

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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

GENE INFORMATION

Gene Name FCN1 ficolin (collagen/fibrinogen domain containing) 1 [Homo sapiens]

Official Symbol FCN1

Synonyms FCN1; ficolin (collagen/fibrinogen domain containing) 1; ficolin-1; FCNM; M-ficolin; ficolin-A; ficolin-alpha; collagen/fibrinogen domain-containing protein 1; ficolin (collagen/fibrinogen domain-containing) 1;

Gene ID 2219

mRNA Refseq NM_002003

Protein Refseq NP_001994

MIM 601252

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UniProt ID

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