

Recombinant Human FCN1 Protein, GST-tagged

Cat. No. FCN1-4001H **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 Wheat Germ

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

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MELSGATMARGLAVLLVFLHIKLNPAQAADTCPEVKVVGLEGSDKLTILRGCPGLP
GAPGPKGEAGVIGERGERGLPGAPGKAGPVGPKGDRGEKGMERGEKGDAGQSQS
CATGPRNCKDLLDRGYFLSGWHTIYLPDCRPLTVLCDMDTDGGGWTVFQRRMDGS
VDFYRDWAAYKQGFGSQLGEFWLGNDNIHALTAQGSSELRVLDLDFEGNHQFAKY
KSFKVADEAEKYKLVLGAFVGGSSAGNSLTGHNNNFFSTKDQDNDVSSSNCAEKFKQ
GAWWYADCHASNLNGLYLMGPHESYANGINWSAAKGYKYSYKVSEMKVRPA
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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

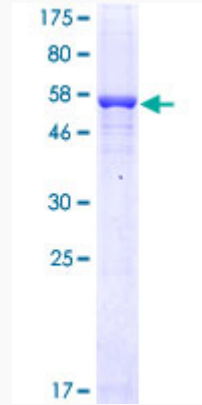
Gene Name	FCN1 ficolin (collagen/fibrinogen domain containing) 1 [Homo sapiens]
Official Symbol	FCN1
Synonyms	FCN1; ficolin (collagen/fibrinogen domain containing) 1; ficolin-1; FCNM; M-ficolin; ficolin-A; ficolin-alpha; collagen/fibrinogen domain-containing protein 1; ficolin (collagen/fibrinogen domain-containing) 1;
Gene ID	2219
mRNA Refseq	NM_002003
Protein Refseq	NP_001994
MIM	601252
UniProt ID	O00602

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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