

Recombinant Human FCN1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FCN1-6728H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FCN1 MS Standard C13 and N15-labeled recombinant protein (NP_001994) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	35.1 kDa
AA Sequence	MELSGATMARGLAVLLVFLHIKNLPAQAADTCPEVKVVGLEGSDKLTILRGCPGLP GAPGPKGEAGVIGERGERGLPGAPGKAGPVGPKGDRGEKGMERGEKGDAGQSQS CATGPRNCKDLLDRGYFLSGWHTIYLPDCRPLTVLCDMDTDGGGWTVFQRRMDGS VDFYRDWAAYKQGFGSQLGEFWLGNDNIHALTAQGSSSELRVLDLDFEGNHQFAKY KSFKVADEAEKYKLVLGAFVGGSGAGNSLTGHNNNFFSTKDQDNDVSSSNCAEFKQ

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GAWWYADCHASNLNGLYLMGPHESEYANGINWSAAKGYSYKVSEMKVRPATRT
RPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	FCN1 ficolin 1 [Homo sapiens (human)]
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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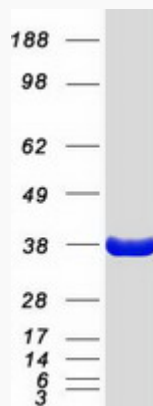
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UniProt ID

O00602

SDS-PAGE

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