

## Product datasheet for **TP304637M**

### FCN1 (NM\_002003) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ficolin (collagen/fibrinogen domain containing) 1 (FCN1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204637 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MELSGATMARGLAVLLVFLHIKLNPAQAADTCPEVKVVGLEGSDKLTILRGCPGLPGAPGPKGEAGVIG ERGERGLPGAPGKAGPVGPKGDRGEKGMERGEKGDAGQSQCSCATGPRNCKDLLDRGYFLSGWHTIYLPDCR PLTVLCDMDTDGGGWTFQRRMDGSVDFYRDWAAYKQGFGSQLGEFWLGNNDNIHALTAQGSSELRVDLVD FEGNHQFAKYKSFKVADEAEKYKLVLGAFVGGSSAGNSLTGHNNNFFSTKDQDNDVSSSNCAEKFGAWWY ADCHASNLNGLYLMGPHESYANGINWSAAKGYKYSYKVSEMKVRPA
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	32.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_001994</a>
Locus ID:	2219



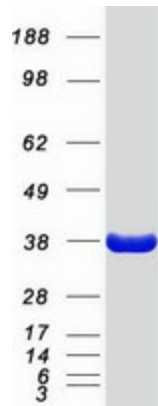
[View online »](#)

UniProt ID: [O00602](#)  
RefSeq Size: 1313  
Cytogenetics: 9q34.3  
RefSeq ORF: 978  
Synonyms: FCNM

**Summary:** 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]

**Protein Families:** Druggable Genome, Secreted Protein

### Product images:



Coomassie blue staining of purified FCN1 protein (Cat# [TP304637]). The protein was produced from HEK293T cells transfected with FCN1 cDNA clone (Cat# [RC204637]) using MegaTran 2.0 (Cat# [TT210002]).