

Product datasheet for PH304637

FCN1 (NM_002003) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FCN1 MS Standard C13 and N15-labeled recombinant protein (NP_001994)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204637
Predicted MW:	35.1 kDa
Protein Sequence:	>RC204637 protein sequence Red=Cloning site Green=Tags(s) MELSGATMARGLAVLLVFLHIKLNPAQAADTCPEVKVVVLEGSDKLTILRGCPGLPGAPGPKGEAGVIG ERGERGLPGAPGKAGPVGPKGDRGEKGMERGEKGDAGQSQSCATGPRNCKDLLDRGYFLSGWHTIYLPDCR PLTVLCDMDTDGGGWTFQRRMDGSVDFYRDWAAKQGFQSGQLGEFVLGNDNIHALTAQGSSELRVLDLVD FEGNHQFAKYKSFKVADEAEKYKLVLAGFVGGSSAGNSLTGHNNNFSTKDQDNDVSSNCAEFQGAWWY ADCHASNLNGLYLMGPHESYANGINWSAAKGYKYSYKVSEMVRPA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001994
RefSeq Size:	1313
RefSeq ORF:	978
Synonyms:	FCNM
Locus ID:	2219



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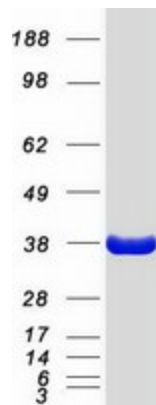
UniProt ID: [O00602](#)

Cytogenetics: 9q34.3

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]).