

Product datasheet for PH318750

Ficolin 2 (FCN2) (NM_015837) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FCN2 MS Standard C13 and N15-labeled recombinant protein (NP_056652)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218750
Predicted MW:	30.23 kDa
Protein Sequence:	>RC218750 representing NM_015837 Red=Cloning site Green=Tags(s) MELDRAVGVLGAAATLLLSFLGMAWALQAADTCPGERGPVPPGKAGPPGPNAGPGEQPCLTGPRCKDL LDRGHFLSGWHTIYLPDCRPLTVLCDMDTDGGGWTVFQRRVDGSDVDFYRDWATYKQGFSGSLGEFWLGND NIHALTAQGTSELRVLDVDFEDNYQFAKYRSFKVADEAEKYNLVLGAFVEGSAGDSLTFHNNQSFSTKDQ DNDLNTGNCAVMFQGAWWYKNCHVSNLNGRYLRGTHGSFANGINWKS GKGYNYSYKVSEMKVRPA TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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_056652
RefSeq Size:	943
RefSeq ORF:	825
Synonyms:	EBP-37; FCNL; ficolin-2; P35
Locus ID:	2220
UniProt ID:	Q15485



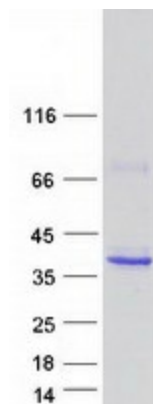
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Cytogenetics: 9q34.3

Summary: The product of this gene belongs to the ficolin family of proteins. This family is 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. This gene is predominantly expressed in the liver, and has been shown to have carbohydrate binding and opsonic activities. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Secreted Protein, Transmembrane

Product images:



Coomassie blue staining of purified FCN2 protein (Cat# [TP318750]). The protein was produced from HEK293T cells transfected with FCN2 cDNA clone (Cat# [RC218750]) using MegaTran 2.0 (Cat# [TT210002]).