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Product datasheet for PH310952

WFDC6 (NM_080827) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	WFDC6 MS Standard C13 and N15-labeled recombinant protein (NP_543017)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210952
Predicted MW:	9.7 kDa
Protein Sequence:	>RC210952 protein sequence Red=Cloning site Green=Tags(s) MGLSGLLPILVPFILLGDIQEPGHAEGILGKPCPKIKVECEVEEIDQCTKPRDCPENMKCCPFSRGKKCL DFRKVSLTLYHKEELE 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_543017
RefSeq Size:	619
RefSeq ORF:	258
Synonyms:	C20orf171; dJ461P17.11; HEL-S-295; WAP6
Locus ID:	140870
UniProt ID:	Q9BQY6, A0A0K0K1K0
Cytogenetics:	20q13.12

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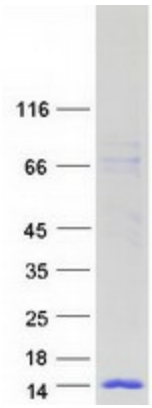
Summary: This gene encodes a member of the WAP-type four-disulfide core (WFDC) domain family. The WFDC domain, or WAP signature motif, contains eight cysteines forming four disulfide bonds at the core of the protein, and functions as a protease inhibitor. Most WFDC gene members are localized to chromosome 20q12-q13 in two clusters: centromeric and telomeric. This gene belongs to the telomeric cluster. Read-through transcription exists between this gene and the upstream SPINLW1 (serine peptidase inhibitor-like, with Kunitz and WAP domains 1) gene. [provided by RefSeq, Nov 2010]

Protein Families: Secreted Protein

Product images:



Coomassie blue staining of purified WFDC6 protein (Cat# [TP310952]). The protein was produced from HEK293T cells transfected with WFDC6 cDNA clone (Cat# [RC210952]) using MegaTran 2.0 (Cat# [TT210002]).