

Product datasheet for PH303337

ZFYVE21 (NM_024071) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ZFYVE21 MS Standard C13 and N15-labeled recombinant protein (NP_076976)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203337
Predicted MW:	26.5 kDa
Protein Sequence:	>RC203337 protein sequence Red=Cloning site Green=Tags(s) MSSEVSARRDAKKLVRSPLRMVPEHRAFGSPFGLLEEQWVDPDKECRRMCQCDAKDFDLTRKHHCRRCG KCFCDRCCSQKVPLRRMCFVDPVRQCAECALVSLKEAEFYDKQLKVLVSGATFLVTFGNSEKPETMTCRL SNNQRYLFLDGDSDHYEIEIVHISTVQILTEGFPPGGGNARATGMFLQYTVPGTEGVTQLKLTVVEDVTVG RRQAVAWLVAMHKAAKLLYESRDQ 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_076976
RefSeq Size:	1470
RefSeq ORF:	702
Synonyms:	HCVP7TP1; ZF21
Locus ID:	79038
UniProt ID:	Q9BQ24

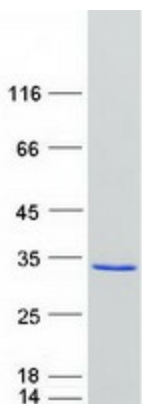


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Cytogenetics: 14q32.33

Summary: Plays a role in cell adhesion, and thereby in cell motility which requires repeated formation and disassembly of focal adhesions. Regulates microtubule-induced PTK2/FAK1 dephosphorylation, an event important for focal adhesion disassembly, as well as integrin beta-1/ITGB1 cell surface expression.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified ZFYVE21 protein (Cat# [TP303337]). The protein was produced from HEK293T cells transfected with ZFYVE21 cDNA clone (Cat# [RC203337]) using MegaTran 2.0 (Cat# [TT210002]).