

Product datasheet for PH321072

ZFAND5 (NM_001102420) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ZFAND5 MS Standard C13 and N15-labeled recombinant protein (NP_001095890)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221072
Predicted MW:	23.1 kDa
Protein Sequence:	>RC221072 protein sequence Red=Cloning site Green=Tags(s) MAQETNQTGPMLCSTGCGFYGNPRTNGMCSVCYKEHLQRQQNSGRMSPMG TASGSNSPTS SDSASVQRAD TSLNNCEGAAGSTSEKSRNVPVAALPVTQQMTEMSISREDKITT PKTEVSEP VVTQPSPSVSQPSTSQSE EKAPELPKPKKNRCFMCRKKVGLTGFDRCGNLFCGLHRYSDKHNC PYDYKAEAAKIRKENPVVVAEKI QRI 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_001095890
RefSeq Size:	5887
RefSeq ORF:	639
Synonyms:	ZA20D2; ZFAND5A; ZNF216
Locus ID:	7763
UniProt ID:	O76080 , A0A024R219

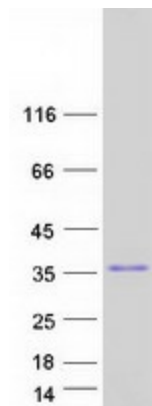


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Cytogenetics: 9q21.13

Summary: Involved in protein degradation via the ubiquitin-proteasome system. May act by anchoring ubiquitinated proteins to the proteasome. Plays a role in ubiquitin-mediated protein degradation during muscle atrophy. Plays a role in the regulation of NF-kappa-B activation and apoptosis. Inhibits NF-kappa-B activation triggered by overexpression of RIPK1 and TRAF6 but not of RELA. Inhibits also tumor necrosis factor (TNF), IL-1 and TLR4-induced NF-kappa-B activation in a dose-dependent manner. Overexpression sensitizes cells to TNF-induced apoptosis. Is a potent inhibitory factor for osteoclast differentiation.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified ZFAND5 protein (Cat# [TP321072]). The protein was produced from HEK293T cells transfected with ZFAND5 cDNA clone (Cat# [RC221072]) using MegaTran 2.0 (Cat# [TT210002]).