

## Product datasheet for TP321129

### ZFAND5 (NM\_001102421) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human zinc finger, AN1-type domain 5 (ZFAND5), transcript variant b, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC221129 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MAQETNQTPGPMLCSTGCGFYGNPRTNGMCSVCYKEHLQRQQNSGRMSPMGTASGSNSPTSDSASVQRAD TSLNANCEGAAGSTSEKSRNVPVAALPVTQQMTEMSISREDKITTPKTEVSEPVWTQPSPSVSQPSTSQSE EKAPELPKPKKNRCFMCRKKVGLTGFDRCGNLFCGLHRYSDKHNCYPDYKAEAAAKIRKENPVVVAEKI QRI  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	23 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_001095891</a>
Locus ID:	7763



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UniProt ID: [Q76080](#), [A0A024R219](#)

RefSeq Size: 5750

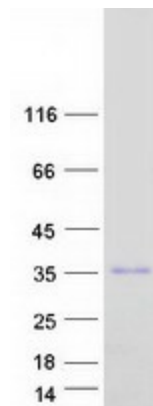
Cytogenetics: 9q21.13

RefSeq ORF: 639

Synonyms: ZA20D2; ZFAND5A; ZNF216

**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# TP321129). The protein was produced from HEK293T cells transfected with ZFAND5 cDNA clone (Cat# [RC221129]) using MegaTran 2.0 (Cat# [TT210002]).