

Product datasheet for **TP321072M**

ZFAND5 (NM_001102420) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human zinc finger, AN1-type domain 5 (ZFAND5), transcript variant a, 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC221072 protein sequence Red =Cloning site Green =Tags(s) MAQETNQTPGPMLCSTGCGFYGNPRTNGMCSVCYKEHLQRQQNSGRMSPMGTASGSNSPTSDSASVQRAD TSLNNCEGAAGSTSEKSRNVPVAALPVTQQMTEMSISREDKITTPKTEVSEPVWTQPSPSVSQPSTSQSE EKAPELPKPKKNRCFMCRKKVGLTGFDRCGNLFCGLHRYSDKHNCYPDYKAEAAAKIRKENPVVVAEKI QRI TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| 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: | NP_001095890 |
| Locus ID: | 7763 |



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

RefSeq Size: 5887

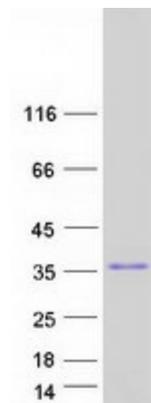
Cytogenetics: 9q21.13

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