

**ZFAND5, 1-213aa, Human, His tag, E.coli**

**Cat.NO.: TP04533**

3th Edition

**Synonyms:**AN1-type zinc finger protein 5, ZA20D2, ZFAND5A, ZNF216

**Description:**ZFAND5 is involved in protein degradation via the ubiquitin-proteasome system. This protein may act by anchoring ubiquitinated proteins to the proteasome and plays a role in ubiquitin-mediated protein degradation during muscle atrophy. ZFAND5 plays a role in the regulation of NF-kappa-B activation and apoptosis and inhibits NF-kappa-B activation triggered by overexpression of RIPK1 and TRAF6 but not of RELA. It inhibits also tumor necrosis factor (TNF), IL-1 and TLR4-induced NF-kappa-B activation in a dose-dependent manner. Recombinant human ZFAND5 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid. In 20mM Phosphate buffer saline (pH 8.0) containing 30% glycerol, 1mM DTT

**Molecular Weight:**25.5 kDa (236aa) confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSMQAQETNQTGPMMLCSTGCGFYGNPRTNGMCSVCYKEHLQRQQNSGRMS  
PMGTASGSNSPTSDSASVQRADTSLNNCEGAAGSTSEKSRNVPVAALPVTQQMTEMSISREDKITTPKTEVSEPV  
VTQPSPSVSQPSTSQSEEKAPELPKPKKNRCFCMCRKKVGLTGFDRCRGNLFCGLHRYSDKHNCYPDYKAEAAKI  
RKENPVVVAEKIQR

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.