

## Product datasheet for **AR51751PU-N**

### **ZA20D2 (1-213, His-tag) Human Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	ZA20D2 (1-213, His-tag) human recombinant protein, 0.5 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGSSHHHHHH SSGLVPRGSH MGSMAQETNQ TPGPMLCSTG CGFYGNPRTN GMCSVCYKEH LQRQQNSGRM SPMGTASGSN SPTSDSASVQ RADTSLNCE GAAGSTSEKS RNVPVAALPV TQQMTEMSIS REDKITPKT EVSEPVVTQP SPSVSQPSTS QSEEKAPELP KPKNRRCFMC RKKVGLTGFD CRCGNLFCGL HRYSDKHNCY YDYKAEAAAK IRKENPVVVA EKIQR
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	25.5 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>85% by SDS - PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Phosphate buffer saline (pH 8.0) containing 30% glycerol, 1 mM DTT
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human ZFAND5 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Storage:</b>	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_001095890</a>
<b>Locus ID:</b>	7763
<b>UniProt ID:</b>	<a href="#">O76080</a> , <a href="#">A0A024R219</a>
<b>Cytogenetics:</b>	9q21.13
<b>Synonyms:</b>	ZA20D2; ZFAND5A; ZNF216



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**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:**