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Product datasheet for AR51751PU-S

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

Product data:

Product Type:	Recombinant Proteins
Description:	ZA20D2 (1-213, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAQETNQ TPGPMLCSTG CGFYGNPRTN GMCSVCYKEH LQRQQNSGRM SPMGTASGSN SPTSDSASVQ RADTSLNNCE GAAGSTSEKS RNVPVAALPV TQQMTEMSIS REDKITTPKT EVSEPVVTQP SPSVSQPSTS QSEEKAPELP KPKKNRCFMC RKKVGLTGFD CRCGNLFCGL HRYSDKHNCP YDYKAEAAAK IRKENPVVVA EKIQRI
Tag:	His-tag
Predicted MW:	25.5 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Phosphate buffer saline (pH 8.0) containing 30% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human ZFAND5 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	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.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001095890
Locus ID:	7763
UniProt ID:	O76080, A0A024R219
Cytogenetics:	9q21.13
Synonyms:	ZA20D2; ZFAND5A; ZNF216

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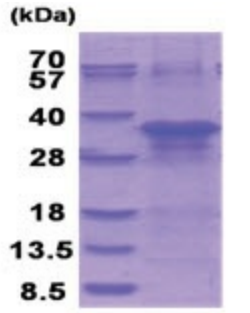
Summary: Involved in protein degradation via the ubiquitin-proteasome system. May act by anchoring ubiquitinated proteins to the proteasome. Plays a role in ubiquitin-mediated protein degradation during muscle atrophy. Plays a role in the regulation of NF-kappa-B activation and apoptosis. Inhibits NF-kappa-B 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:



15% SDS-PAGE (3ug)