Recombinant Mouse Zfand5 Protein, Myc/DDK-tagged

Cat. No. Zfand5-7076M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse zinc finger, AN1-type domain 5 (Zfand5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	23.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Zfand5 zinc finger, AN1-type domain 5 [Mus musculus (house mouse)]
Official Symbol	Zfand5
Synonyms	ZFAND5; zinc finger, AN1-type domain 5; AN1-type zinc finger protein 5; zinc finger protein 216; zinc finger, A20 domain containing 2; zinc finger A20 domain-containing protein 2; Za20d2; Zfp216; AA415485; 2310057A04Rik; 5830475F03Rik
Gene ID	22682
mRNA Refseq	NM_009551
Protein Refseq	NP_033577
UniProt ID	O88878

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