

## Recombinant Mouse Zfand5 Protein, Myc/DDK-tagged

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

### SPECIFICATION

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