Recombinant Mouse Zfand2b Protein, Myc/DDK-tagged

Cat. No. Zfand2b-7075M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse zinc finger, AN1 type domain 2B (Zfand2b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays a role in protein homeostasis by regulating both the translocation and the ubiquitin-mediated proteasomal degradation of nascent proteins at the endoplasmic reticulum. It is involved in the regulation of signal-mediated translocation of proteins into the endoplasmic reticulum. It also plays a role in the ubiquitin-mediated proteasomal degradation of proteins for which signal-mediated translocation to the endoplasmic reticulum has failed. May therefore function in the endoplasmic reticulum stress-induced pre-emptive quality control, a mechanism that selectively attenuates the translocation of newly synthesized proteins into the endoplasmic reticulum and reroutes them to the cytosol for proteasomal degradation. By controlling the steady-state expression of the IGF1R receptor, indirectly regulates the insulin-like growth factor receptor signaling pathway.
Molecular Mass	27.9 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.

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Storage	Store at -80 centigrade after receiving vials.
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	Zfand2b zinc finger, AN1 type domain 2B [Mus musculus (house mouse)]
Official Symbol	Zfand2b
Synonyms	ZFAND2B; zinc finger, AN1 type domain 2B; AN1-type zinc finger protein 2B; AIRAP-like protein; arsenite-inducible RNA-associated protein-like protein; C81256; 1110060O18Rik
Gene ID	68818
mRNA Refseq	NM_001159905
Protein Refseq	NP_001153377
UniProt ID	Q91X58

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