

Recombinant Mouse Zfand1 Protein, Myc/DDK-tagged

Cat. No. Zfand1-7074M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse zinc finger, AN1-type domain 1 (Zfand1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays a role in the regulation of cytoplasmic stress granules (SGs) turnover. SGs are dynamic and transient cytoplasmic ribonucleoprotein assemblies important for cellular protein homeostasis when protein production is suspended after acute exogenous stress. Associates with SGs and is involved in the efficient and specific arsenite-induced clearance process of SGs through the recruitment of the ubiquitin-selective ATPase VCP and the 26S proteasome. This process requires both complexes for efficient degradation of damaged ubiquitinated SG proteins during recovery from arsenite stress, and hence avoiding aberrant cytoplasmic SGs degradation via autophagy.
Molecular Mass	30.2 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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	Zfand1 zinc finger, AN1-type domain 1 [Mus musculus (house mouse)]
------------------	--

Official Symbol	Zfand1
------------------------	--------

Synonyms	ZFAND1; zinc finger, AN1-type domain 1; AN1-type zinc finger protein 1; AW048890; 2310008M20Rik; MGC107161
-----------------	--

Gene ID	66361
----------------	-------

mRNA Refseq	NM_025512
--------------------	-----------

Protein Refseq	NP_079788
-----------------------	-----------

UniProt ID	Q8BFR6
-------------------	--------

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA