

## Recombinant Mouse Zer1 Protein, Myc/DDK-tagged

Cat. No. Zer1-7073M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of Mouse zyg-11 related, cell cycle regulator (Zer1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Serves as substrate adapter subunit in the E3 ubiquitin ligase complex ZYG11B-CUL2-Elongin BC. Acts redundantly with ZYG11B to target substrates bearing N-terminal glycine degrons for proteasomal degradation. Involved in the clearance of proteolytic fragments generated by caspase cleavage during apoptosis since N-terminal glycine degrons are strongly enriched at caspase cleavage sites. Also important in the quality control of protein N-myristoylation in which N-terminal glycine degrons are conditionally exposed after a failure of N-myristoylation.
<b>Molecular Mass</b>	89.1 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.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** [Zer1 zyg-11 related, cell cycle regulator \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Zer1](#)

**Synonyms** ZER1; zer-1 homolog (C. elegans); protein zer-1 homolog; zyg-11 homolog B-like protein; Zyg11bl; C230075L19Rik

**Gene ID** [227693](#)

**mRNA Refseq** [NM\\_178694](#)

**Protein Refseq** [NP\\_848809](#)

**UniProt ID** [Q80ZJ6](#)

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