

## Product datasheet for **TP510608**

### Zer1 (NM\_178694) Mouse Recombinant Protein

#### Product data:

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| <b>Product Type:</b>                         | Recombinant Proteins   |
| <b>Description:</b>                          | Purified recombinant protein of Mouse zyg-11 related, cell cycle regulator (Zer1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| <b>Species:</b>                              | Mouse  |
| <b>Expression Host:</b>                      | HEK293T  |
| <b>Expression cDNA Clone or AA Sequence:</b> | >MR210608 representing NM_178694<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)   |

MASDTPESLMALCTDFCLRNLDTGLGYLLDKETLRLHPDIFLPSEICDQLVNEYVELVSAACFEPHETF  
FSLFSDPRSTRTRIHLREDLVQDQDLEAIRKQDLVELYLTNCEKLSAKSLQTLRSFRHSLVLSLSGCA  
NIFYEEDNPGGCEDECLVNPTCQVLVKDFTFEGFSRLRFLNLGRMIDGIPVESLLRPLNSLAALDLSGIQ  
TSDATFLTQWKDSLMSLVLYNMDLSDDHIRVIVQLHKLRSKILTCGPHLISSHLDISRDLSSYYKFKLT  
RKVLSLLVQKLGNLMSLDISGHMILENCISIKTDEEAGQTSTEPSKSSIMPFRALKRPLQFLGLFETSLC  
RLTHIPAYKVS GDKNEEQVLNAIEAYTEHRPEITSRAINLLFDIARIERCNQLLRALKLVITALKCHKYD  
KNIQVTGSAALFYLTNSEYRSEQSVKLRQVIQVVLNGMESYQEVTVQRNCLTLCNFSIPEEFQYRR  
VNELLLGILSPTRQDESIQRIAVHLCNALVCQVDNDHKEAVGKMGFVVTMLKLIQKLLDKTCDQVMEFS  
WSALWNITDETPDNCMFLNFNGMKLFLDCLKEFPEKQELHRNMLGLLGNVAEVKELRPQLMSTQFISVF  
SNLLESKADGIEVSYNACGVLSHIMFDGPEAWGVCEPQRAEVEDRMWAAIQSWDINSRRNINYSFEPIL  
RLLPQGISPVSQHWATWALYNLVSYPDKYCPLLIKEGGMPLLRDLIKMATARQETKEMARKVIEHCSNF  
REENMDTSR

**SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV**

|                       |  |
|-----------------------|--|
| <b>Tag:</b>           | C-MYC/DDK  |
| <b>Predicted MW:</b>  | 89.1 kDa   |
| <b>Concentration:</b> | >0.05 µg/µL as determined by microplate BCA method   |
| <b>Purity:</b>        | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| <b>Buffer:</b>        | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol   |
| <b>Note:</b>          | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| <b>Storage:</b>       | Store at -80°C after receiving vials.  |



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|----------------------|---|
| <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>RefSeq:</b>       | <a href="#">NP_848809</a>   |
| <b>Locus ID:</b>     | 227693  |
| <b>UniProt ID:</b>   | <a href="#">Q80Z16</a>  |
| <b>RefSeq Size:</b>  | 4280  |
| <b>Cytogenetics:</b> | 2 B   |
| <b>RefSeq ORF:</b>   | 2337  |
| <b>Synonyms:</b>     | C230075L19Rik; Zyg11bl  |
| <b>Summary:</b>      | Probably acts as target recruitment subunit in the E3 ubiquitin ligase complex ZER1-CUL2-Elongin BC.[UniProtKB/Swiss-Prot Function]           |