

## Product datasheet for **TP500464**

### MacroD2 (NM\_028387) Mouse Recombinant Protein

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | Purified recombinant protein of Mouse MACRO domain containing 2 (MacroD2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug  |
| Species:                              | Mouse   |
| Expression Host:                      | HEK293T   |
| Expression cDNA Clone or AA Sequence: | >MR200464 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)<br><br>MMDASLMVGEMVENVMGESTCRSLPETVMERKSYSGLNRRKRGPLSDLVFSILNQERLIEDSLRRVCFEE<br>EKQTKKGGRESELPEGKQTRRVGDTCSFVACLNTDLPGVNIEN<br><br><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b> |
| Tag:                                  | C-MYC/DDK   |
| Predicted MW:                         | 12.8 kDa  |
| Concentration:                        | >0.05 µg/µL as determined by microplate BCA method  |
| Purity:                               | > 80% as determined by SDS-PAGE and Coomassie blue staining   |
| Buffer:                               | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  |
| Note:                                 | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.  |
| Storage:                              | Store at -80°C after receiving vials.   |
| Stability:                            | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.   |
| RefSeq:                               | <a href="#">NP_082663</a>   |
| Locus ID:                             | 72899   |
| UniProt ID:                           | <a href="#">Q9D117</a>  |
| RefSeq Size:                          | 3552  |
| Cytogenetics:                         | 2 F3-G1   |
| RefSeq ORF:                           | 345   |



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**Synonyms:** 1110033L15Rik; 2610107G07Rik; 2900006F19Rik

**Summary:** Removes ADP-ribose from asparatate and glutamate residues in proteins bearing a single ADP-ribose moiety. Inactive towards proteins bearing poly-ADP-ribose. Deacetylates O-acetyl-ADP ribose, a signaling molecule generated by the deacetylation of acetylated lysine residues in histones and other proteins.[UniProtKB/Swiss-Prot Function]