

## Product datasheet for **TP516628**

### Mt4 (NM\_008631) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse metallothionein 4 (Mt4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR216628 representing NM_008631 <span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)  MDPGECTCMSSGGICICGDNCKCTTCCKTCRKSCCPGCCPPGCAKCARGCICKGGSDKSCCP  <span style="color: red;">TR</span> TRPLE <span style="color: green;">QKLISEEDLAANDILDYKDDDDKV</span>
Tag:	C-MYC/DDK
Predicted MW:	6.3 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:	<u><a href="#">NP_032657</a></u>
Locus ID:	17752
UniProt ID:	<u><a href="#">P47945</a></u>
RefSeq Size:	392
Cytogenetics:	8 46.26 cM
RefSeq ORF:	186


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**Synonyms:**

MT-IV

**Summary:**

Seems to bind zinc and copper. Could play a special role in regulating zinc metabolism during the differentiation of stratified epithelia.[UniProtKB/Swiss-Prot Function]