

Product datasheet for **TP305931**

MT1F (NM_005949) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human metallothionein 1F (MT1F), 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC205931 protein sequence Red =Cloning site Green =Tags(s) |
| | MDPNCSCAAGVSTCAGSCKCKECKCTSCCKKSCCSCPVGCSKCAQGCVCCKGASEKCSCCD TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Predicted MW: | 5.9 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 |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| 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. |
| 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: | NP_005940 |
| Locus ID: | 4494 |
| UniProt ID: | P04733 |
| RefSeq Size: | 456 |
| Cytogenetics: | 16q13 |



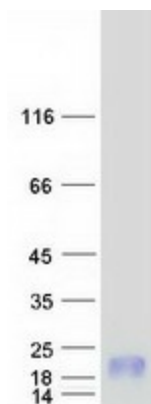
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RefSeq ORF: 183

Synonyms: MT1

Summary: Metallothioneins have a high content of cysteine residues that bind various heavy metals; these proteins are transcriptionally regulated by both heavy metals and glucocorticoids. [UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified MT1F protein (Cat# TP305931). The protein was produced from HEK293T cells transfected with MT1F cDNA clone (Cat# [RC205931]) using MegaTran 2.0 (Cat# [TT210002]).