

Product datasheet for **TP314104M**

MT4 (NM_032935) Human Recombinant Protein

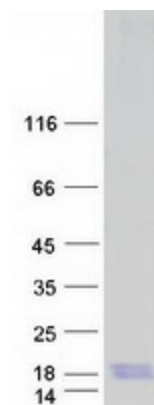
Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human metallothionein 4 (MT4), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214104 protein sequence Red =Cloning site Green =Tags(s) MDPRECVCMSSGGICMCGDNCKCTTCNCKTCRKSCCPCCPPGCAKCARGCICKGGSDKSCCP TR TRPLE QKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	6.2 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_116324
Locus ID:	84560
UniProt ID:	P47944
RefSeq Size:	294
Cytogenetics:	16q13


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RefSeq ORF:	186
Synonyms:	MT-4; MT-IV; MTIV
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]

Product images:



Coomassie blue staining of purified MT4 protein (Cat# [TP314104]). The protein was produced from HEK293T cells transfected with MT4 cDNA clone (Cat# [RC214104]) using MegaTran 2.0 (Cat# [TT210002]).