

## Product datasheet for **TP761406**

### MT1M (NM\_176870) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human metallothionein 1M (MT1M), full length, with N-terminal GST and C-terminal HIS tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length MT1M
Tag:	N-GST and C-His
Predicted MW:	34 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, pH 8.0, 150 mM NaCl, 1% sarkosyl, 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.
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_789846</a>
Locus ID:	4499
UniProt ID:	<a href="#">Q8N339</a>
RefSeq Size:	464
Cytogenetics:	16q13
RefSeq ORF:	183
Synonyms:	MT-1M; MT-IM; MT1; MT1K



[View online »](#)

**Summary:**

This gene encodes a member of the metallothionein superfamily, type 1 family. Metallothioneins have a high content of cysteine residues that bind various heavy metals. These genes are transcriptionally regulated by both heavy metals and glucocorticoids. [provided by RefSeq, Oct 2011]

**Product images:**