

Product datasheet for TP500037

Mt2 (NM_008630) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse metallothionein 2 (Mt2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200037 representing NM_008630 Red=Cloning site Green=Tags(s)
	MDPNCSCASDGCSCAGACKCKQCKCTSCCKSCCSCPVGCAKCSQGICKEASDKCSCCA
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	6.6 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:	NP_032656
Locus ID:	17750
UniProt ID:	P02798
RefSeq Size:	556
Cytogenetics:	8 46.32 cM
RefSeq ORF:	183



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Synonyms: AA409533; Mt-2; MT-II

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]