

Recombinant Mouse Mt2 Protein, Myc/DDK-tagged

Cat. No. Mt2-4202M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length metallothionein 2 (Mt2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Metallothioneins have a high content of cysteine residues that bind various heavy metals; these proteins are transcriptionally regulated by both heavy metals and glucocorticoids.
Molecular Mass	6.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	Mt2 metallothionein 2 [Mus musculus (house mouse)]
Official Symbol	Mt2
Synonyms	Mt2; metallothionein 2; MT-; Mt-2; MT-II; AA409533; metallothionein-2; metallothionein-II
Gene ID	17750
mRNA Refseq	NM_008630
Protein Refseq	NP_032656
UniProt ID	P02798

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