

Recombinant Mouse Mt1 protein, His & GST-tagged

Cat. No. Mt1-1521M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Mt1 aa. (Met1~Ala61 (Accession # P02802)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Met1~Ala61
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 36.0kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method).
Purity	>95%
Characteristic	The isoelectric point is 8.4.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Mt1 metallothionein 1 [Mus musculus (house mouse)]
Official Symbol	Mt1
Synonyms	MT-I; Mt-1; metallothionein-I; metallothionein-1
Gene ID	17748
mRNA Refseq	NM_013602.3
Protein Refseq	NP_038630.1
UniProt ID	P02802

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