

## Recombinant Human MT1A, GST-tagged

Cat. No. MT1A-123H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MT1A(1 a.a. - 61 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	Metallothionein-1A is a protein that in humans is encoded by the MT1A gene.
<b>Molecular Mass</b>	32.45 kDa
<b>AA Sequence</b>	MDPNCSCATGGCTCTGSCKCKECKCNSCKKSCCSCCPMSCAKCAQGCICKGAS EKSCCA
<b>Applications</b>	ELISA; WB-Re; AP; Array
<b>Storage</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

### GENE INFORMATION

<b>Gene Name</b>	MT1A metallothionein 1A [ Homo sapiens (human) ]
<b>Official Symbol</b>	MT1A

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<b>Synonyms</b>	MT1A; MT1; MTC; MT1S; metallothionein 1A; metallothionein-1A; MT-1A; MT-IA; metallothionein 1S; metallothionein-IA; metallothionein 1A (functional)
<b>Gene ID</b>	4489
<b>mRNA Refseq</b>	NM_005946
<b>Protein Refseq</b>	NP_005937
<b>MIM</b>	156350
<b>UniProt ID</b>	P04731
<b>Chromosome Location</b>	16q13
<b>Pathway</b>	Mineral absorption
<b>Function</b>	protein binding; zinc ion binding

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