

Recombinant Human MT1M, GST-tagged

Cat. No. MT1M-128H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MT1M(1 a.a. - 61 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	Wheat Germ
Description	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.
Molecular Mass	32.45 kDa
AA Sequence	MDPNCSTTGVSCTGSGCKCKECKCTSCKKSCCSCCPVGCAKCAHGCVCKGTL ENCSCCA
Applications	ELISA; WB-Re; AP; Array
Storage	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

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Gene Name	MT1M metallothionein 1M [Homo sapiens (human)]
Official Symbol	MT1M
Synonyms	MT1M; MT1; MT1K; MT-1M; MT-1M; metallothionein 1M; metallothionein-1M; metallothionein 1K; metallothionein 1Y
Gene ID	4499
mRNA Refseq	NM_176870
Protein Refseq	NP_789846
MIM	156357
UniProt ID	Q8N339
Chromosome Location	16q13
Pathway	Mineral absorption
Function	zinc ion binding

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