Recombinant Human MT1A, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human MT1A(1 a.a. - 61 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	Wheat Germ
Description	Metallothionein-1A is a protein that in humans is encoded by the MT1A gene.
Molecular Mass	32.45 kDa
AA Sequence	MDPNCSCATGGSCTCTGSCKCKECKCNSCKKSCCSCCPMSCAKCAQGCICKGAS EKCSCCA
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

Gene Name	MT1A metallothionein 1A [Homo sapiens (human)]
Official Symbol	MT1A

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

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

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