Recombinant Human MT1A protein, GST-tagged

Cat. No. MT1A-301388H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MT1A (1-45 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Ala45
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MDPNCSCATGGSCTCTGSCKCKECKCNSCKKSCCSCCPMSCAKCA
Purity	98%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

GENE INFORMATION

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Gene Name	MT1A metallothionein 1A [Homo sapiens (human)]
Official Symbol	MT1A
Synonyms	MT1; MTC; MT1S; MT-1A; MT-IA
Gene ID	4489
mRNA Refseq	NM_005946
Protein Refseq	NP_005937
MIM	56350
UniProt ID	P04731

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