

Recombinant Human MT1X protein, GST-tagged

Cat. No. MT1X-1302H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MT1X protein(NP_005943)(1-46 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-46 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ ,17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	MDPNCSCSPVGSCACAGSCKCKECKCTSCCKKSECRAFPANLGDGPI
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
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.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details).

 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

GENE INFORMATION

Gene Name MT1X metallothionein 1X [Homo sapiens (human)]

Official Symbol [MT1X](#)

Synonyms MT1; MT-1I

Gene ID [4501](#)

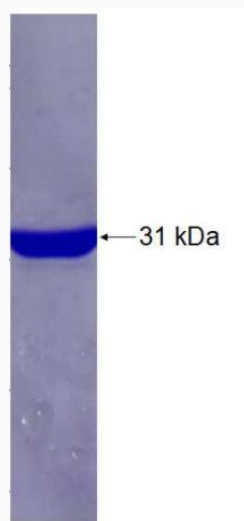
mRNA Refseq [NM_005952.4](#)

Protein Refseq [NP_005943](#)

MIM [156359](#)

UniProt ID [P80297](#)

SDS-PAGE



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