

Recombinant Human MT1X Protein (1-59 aa), GST-tagged

Cat. No. MT1X-1301H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MT1X Protein (1-59 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	1-59 aa
Description	Metallothioneins have a high content of cysteine residues that bind various heavy metals; these proteins are transcriptionally regulated by both heavy metals and glucocorticoids.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	32.9 kDa
AA Sequence	MDPNCSCSPVGSCACAGSCKCKECKCTSCCKSCCSCPVGCAKCAQGCICKGTS DKCSC
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

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

Official Symbol MT1X

Synonyms MT1; MT-1I;

Gene ID 4501

mRNA Refseq NM_005952

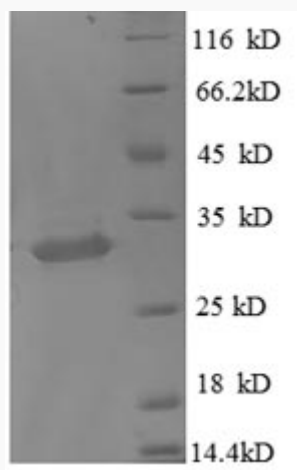
Protein Refseq NP_005943

UniProt ID P80297

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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