

Metallothionein Recombinant Protein | MT1X recombinant protein

Recombinant Human Metallothionein-1X protein

CATALOG #
AAA309771

HOST
E Coli

PRODUCT SYNONYMS

Metallothionein; Recombinant Human Metallothionein-1X protein; Metallothionein-IX; MT-IX; MT1X recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	20mM Tris-HCl based buffer, pH8.0
Sequence Positions	Partial of the Full Length of 1-61aa, 1-59aa
Sequence	MDPNCSCSPV GSCACAGSCK CKECKCTSCK KSCCSCCPVG CAKCAQGCIC KGTSCLKSC
Calculated MW	33.3 kD
Tag Info	GST-tag
Preparation and Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

ADDITIONAL INFORMATION

Related Product Information for MT1X recombinant protein	Metallothioneins have a high content of cysteine residues that bind various heavy metals; these proteins are transcriptionally regulated by both heavy metals and glucocorticoids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10835232
NCBI GeneID	4501
NCBI Accession #	NP_005943.1
NCBI GenBank Nucleotide #	NM_005952.3
UniProt Accession #	P80297 ; A8MUC7
NCBI Official Full Name	metallothionein-1X
NCBI Official Synonym Full Names	metallothionein 1X
NCBI Official Symbol	MT1X
NCBI Official Synonym Symbols	MT1; MT-1l
NCBI Protein Information	metallothionein-1X
UniProt Protein Name	Metallothionein-1X
UniProt Gene Name	MT1X
UniProt Synonym Gene Names	MT-1X; MT-IX

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mt1x-recombinant-protein-e-coli/309771>