

Metallothionein-4 (MT4) Recombinant Protein | MT4 recombinant protein

Recombinant Human Metallothionein-4 (MT4)

CATALOG #
AAA114065

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

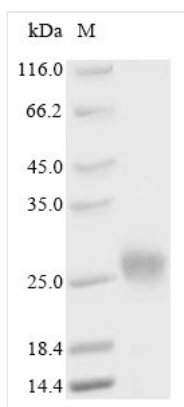
PRODUCT SYNONYMS

Metallothionein-4 (MT4); Recombinant Human Metallothionein-4 (MT4); MT4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-62aa; Full Length
Sequence	MDPREVCMS GGICMCGDNC KCTTCNCKTY WKSCCPCCPP GCAKCARGCI CKGGSDKCSC CP
Species	Homo sapiens (Human)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for MT4 recombinant protein

Seems to bind zinc and copper. Could play a special role in regulating zinc metabolism during the differentiation of stratified epithelia.

References	"Induction of a new metallothionein isoform (MT-IV) occurs during differentiation of stratified squamous epithelia." Quaife C.J., Findley S.D., Erickson J.C., Froelick G.J., Kelly E.J., Zambrowicz B.P., Palmiter R.D. Biochemistry 33:7250-7259(1994)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14269578
NCBI GeneID	84560
NCBI Accession #	NP_116324.1
NCBI GenBank Nucleotide #	NM_032935.2
UniProt Accession #	P47944; Q14DA1
Molecular Weight	22.5 kDa
NCBI Official Full Name	metallothionein-4
NCBI Official Synonym Full Names	metallothionein 4
NCBI Official Symbol	MT4
NCBI Official Synonym Symbols	MT-4; MTIV; MT-IV
NCBI Protein Information	metallothionein-4
UniProt Protein Name	Metallothionein-4
UniProt Gene Name	MT4
UniProt Synonym Gene Names	MT-4; MT-IV

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.

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Online datasheet: <https://www.aaabiotech.com/mt4-recombinant-protein-e-coli/114065>