

Metallothionein-3 (MT3) Recombinant Protein | MT3 recombinant protein

Recombinant Human Metallothionein-3 (MT3)

CATALOG #
AAA113416

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

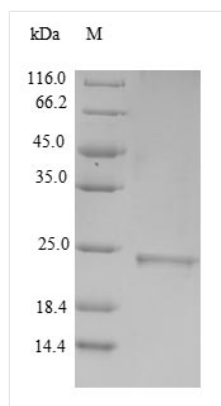
PRODUCT SYNONYMS

Metallothionein-3 (MT3); Recombinant Human Metallothionein-3 (MT3); Metallothionein-3; MT-3; GIFB; GIF; Growth inhibitory factor; Metallothionein-III; MT-III; MT3 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	1-68. Full Length
Sequence	MDPETCPCPS GGSCTCADSC KCEGCKCTSC KKSCCSCCPA ECEKCAKDCV CKGGEEAAEAE AEKCSCCQ
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 Coli host-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 MT3 recombinant protein

Binds heavy metals. Contains three zinc and three copper atoms per polypeptide chain and only a negligible amount of cadmium. Inhibits survival and neurite formation of cortical neurons in vitro.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174762
NCBI GeneID	4504
NCBI Accession #	NP_005945.1
NCBI GenBank Nucleotide #	NM_005954.2
UniProt Accession #	P25713; Q2V574
Molecular Weight	22.9 kDa
NCBI Official Full Name	metallothionein-3
NCBI Official Synonym Full Names	metallothionein 3
NCBI Official Symbol	MT3
NCBI Official Synonym Symbols	GIF; GIFB; GRIF; ZnMT3
NCBI Protein Information	metallothionein-3; MT-3; MT-III; metallothionein-III; growth inhibitory factor; metallothionein 3 (growth inhibitory factor (neurotrophic))
UniProt Protein Name	Metallothionein-3
UniProt Gene Name	MT3
UniProt Synonym Gene Names	MT-3; GIF; MT-III
UniProt Entry Name	MT3_HUMAN

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.