

Metallothionein-1G (MT1G) Recombinant Protein | MT1G recombinant protein

Recombinant Human Metallothionein-1G (MT1G), partial

CATALOG # AAA116152	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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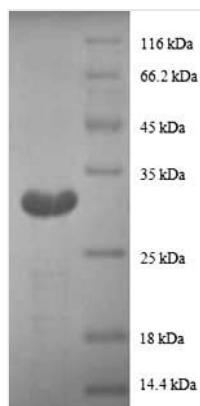
PRODUCT SYNONYMS

Metallothionein-1G (MT1G); Recombinant Human Metallothionein-1G (MT1G); partial; Metallothionein-1K; MT-1K; Metallothionein-IG; MT-IG; MT1G recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	Liquid or Lyophilized powder If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8
Sequence Positions	1-59. Partial of Isoform 2
Sequence	MDPNCSCAAG VSCTCASSCK CKECKCTSK KSCCSCPVG CAKCAQGCIC KGASEKCSC
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for MT1G 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.
Product Categories/Family for MT1G recombinant protein	Cancer

References	Structure and expression of the human metallothionein-IG gene. Differential promoter activity of two linked metallothionein-I genes in response to heavy metals.Foster R., Jahroudi N., Varshney U., Gedamu L.J. Biol. Chem. 263:11528-11535(1988) Structure and expression of the human metallothionein genes.Gedamu L., Varshney U., Jahroudi N., Foster R., Shworak N.W.Experientia Suppl. 52:361-372(1987) Hunziker P.E.Submitted (NOV-1993) to UniProtKB Induction by zinc of specific metallothionein isoforms in human monocytes.Pauwels M., van Weyenbergh J., Soumilion A., Proost P., Ley M.Eur. J. Biochem. 220:105-110(1994)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	669633280
NCBI GeneID	4495
NCBI Accession #	NP_001288196.1
NCBI GenBank Nucleotide #	NM_001301267.1
UniProt Accession #	P13640; P80296
Molecular Weight	32.9 kDa
NCBI Official Full Name	metallothionein-1G isoform 2
NCBI Official Synonym Full Names	metallothionein 1G
NCBI Official Symbol	MT1G
NCBI Official Synonym Symbols	MT1; MT1K
NCBI Protein Information	metallothionein-1G
UniProt Protein Name	Metallothionein-1G
UniProt Gene Name	MT1G
UniProt Synonym Gene Names	MT1K; MT1M; MT-1G; MT-1K; MT-IG
UniProt Entry Name	MT1G_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.

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 Online datasheet: <https://stage.aaabiotech.com/mt1g-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116152>