

Recombinant Human MT3, GST-tagged

Cat. No. MT3-131H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MT3(1 a.a. - 68 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	Wheat Germ
Description	Metallothionein-3 is a protein that in humans is encoded by the MT3 gene.
Molecular Mass	33.11 kDa
AA Sequence	MDPETCPCPSGGSCTCADSCCKCEGCKCTSCCKKSCCSCCPAECEKCAKDCVCKGG EAAEAEAEKCSCCQ
Applications	ELISA; WB-Re; AP; Array
Storage	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	MT3 metallothionein 3 [Homo sapiens (human)]
Official Symbol	MT3

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Synonyms	MT3; metallothionein 3; metallothionein 3 (growth inhibitory factor (neurotrophic)); metallothionein-3; GIF; MT-3; MT-III; metallothionein-III; growth inhibitory factor; GIFB; GRIF; ZnMT3
Gene ID	4504
mRNA Refseq	NM_005954
Protein Refseq	NP_005945
MIM	139255
UniProt ID	P25713
Chromosome Location	16q13
Function	antioxidant activity; cadmium ion binding; copper ion binding; copper ion binding; cysteine-type endopeptidase inhibitor activity involved in apoptotic process; drug binding; metal ion binding; protein binding; protein kinase activator activity; zinc ion binding

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