

Recombinant Human MT3

Cat. No. MT3-29501TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human MT3 with N-terminal proprietary tag. Predicted MW 33.48kDa.
Species	Human
Source	Wheat Germ
ProteinLength	68 amino acids
Description	Metallothionein-3 is a protein that in humans is encoded by the MT3 gene.
Molecular Weight	33.480kDa inclusive of tags
Tissue specificity	Abundant in a subset of astrocytes in the normal human brain, but greatly reduced in the Alzheimer disease (AD) brain.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Sequences of amino acids MDPETCPGPSGGSCTCADSCKCEGCKCTSCKKSCCSCCPAECEKCAKDCVCKGG
EAAEAEAEKCSCCQ

Sequence Similarities Belongs to the metallothionein superfamily. Type 1 family.

GENE INFORMATION

Gene Name MT3 metallothionein 3 [Homo sapiens]

Official Symbol MT3

Synonyms MT3; metallothionein 3; metallothionein 3 (growth inhibitory factor (neurotrophic)); metallothionein-3; GIF;

Gene ID 4504

mRNA Refseq NM_005954

Protein Refseq NP_005945

MIM 139255

Uniprot ID P25713

Chromosome Location 16q13

Function antioxidant activity; copper ion binding; metal ion binding; zinc ion binding;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA