

Recombinant Human MT2A Protein (1-59 aa), His-tagged

Cat. No. MT2A-1464H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MT2A Protein (1-59 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Epigenetics and Nuclear Signaling. Protein Description: Partial.
Species	Human
Source	Yeast
ProteinLength	1-59 aa
Description	Metallothioneins have a high content of cysteine residues that bind various heavy metals; these proteins are transcriptionally regulated by both heavy metals and glucocorticoids.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	7.9 kDa
AA Sequence	MDPNCSCAAGDSCTCAGSCKCKECKCTSCCKSCCSCPVGCAKCAQGCICKGASDKCSC
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name MT2A metallothionein 2A [Homo sapiens]

Official Symbol MT2A

Synonyms MT2A; metallothionein 2A; MT2; MT-2; MT-II;

Gene ID 4502

mRNA Refseq NM_005953

Protein Refseq NP_005944

MIM 156360

UniProt ID P02795

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