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	MDPNCSCAAGDSCTCAGSCKCKECKCTSCKKSCCSCCPVGCAKCAQGCICKGASDKCSC
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.

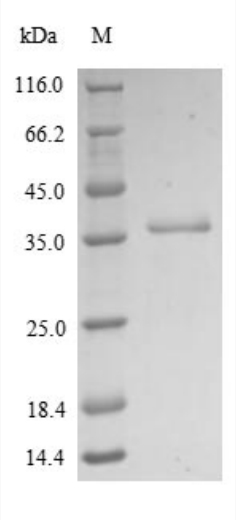
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45-1 Ramsey Road, Shirley, NY 11967, USA

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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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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