

Recombinant Human MT2A protein, GST-tagged

Cat. No. MT2A-1070H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MT2A protein(1-61 aa), fused with GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-61 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	MDPNCSCAAGDSCTCAGSCKCKECKCTSCCKKSCCSCPVGCAKCAQGCICKGASDKCSCCA
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

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storage.

GENE INFORMATION

Gene Name	MT2A metallothionein 2A [Homo sapiens]
Official Symbol	MT2A
Synonyms	MT2A; metallothionein 2A; MT2; metallothionein-2; MT-2; MT-II; metallothionein-2A; metallothionein-II;
Gene ID	4502
mRNA Refseq	NM_005953
Protein Refseq	NP_005944
MIM	156360
UniProt ID	P02795

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