

Recombinant Full Length Human MT4 Protein, GST-tagged

Cat. No. MT4-7004HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human full-length MT4(1 a.a. - 62 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	62 amino acids
Description	Predicted to enable metal ion binding activity. Predicted to be involved in cellular response to metal ion; cellular zinc ion homeostasis; and detoxification of copper ion. Predicted to act upstream of or within cellular metal ion homeostasis. Predicted to be active in cytoplasm and nucleus.
Molecular Mass	6.9 kDa
AA Sequence	MDPRECVCMSGGICMCGDNCKCTTCNCKTCRKSCCPCCPPGCAKCARGCICKGG SDKCSCCP
Applications	ELISA; WB-Re; AP; Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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GENE INFORMATION

Gene Name	MT4 metallothionein 4 [Homo sapiens (human)]
Official Symbol	MT4
Synonyms	MT4; MT-4; MTIV; MT-IV; metallothionein 4; metallothionein-4; metallothionein IV; metallothionein-IV
Gene ID	84560
mRNA Refseq	NM_032935
Protein Refseq	NP_116324
MIM	606206
UniProt ID	P47944

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