

Recombinant Human MT1G protein

Cat. No. MT1G-70H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MT1G, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	61aa
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	20mM Tris.Cl, 50mM NaCl, 50% Glycerol, pH8.0.
Molecular Mass	6.1kDa
Applications	WB, ELISA, IP, antibody production, protein array
Storage	Store at -80°C and avoid repeated freeze-thaw cycles

GENE INFORMATION

Gene Name	MT1G metallothionein 1G [Homo sapiens]
Official Symbol	MT1G

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Synonyms	MT1; MT1K; MT-1G; MT-1K; MT-IG; metallothionein 1K; metallothionein-1K; metallothionein-IG
Gene ID	4495
mRNA Refseq	NM_001301267
Protein Refseq	NP_001288196
MIM	156353
UniProt ID	P13640
Chromosome Location	Metabolism, organism-specific biosystem; Mineral absorption, organism-specific biosystem; Response to metal ions, organism-specific biosystem
Pathway	protein binding; zinc ion binding

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