Recombinant Human MT1E Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MT1E-661H **Lot. No.** (See product label)

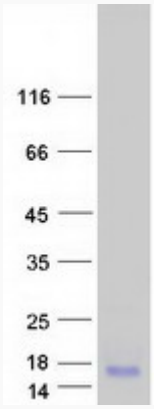
SPECIFICATION

Product Overview	MT1E MS Standard C13 and N15-labeled recombinant protein (NP_783316) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	6 kDa
AA Sequence	MDPNCSCATGGSCTCAGSCKCKECKCTSCKKSCCSCCPVGCAKCAQGCVCKGAS EKCSCCATRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA

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Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	MT1E metallothionein 1E [Homo sapiens (human)]
Official Symbol	MT1E
Synonyms	MT1E; metallothionein 1E; MT1; MTD; MT-1E; MT-IE; metallothionein-1E; metallothionein 1E (functional); metallothionein D; metallothionein-IE
Gene ID	4493
mRNA Refseq	NM_175617
Protein Refseq	NP_783316
MIM	156351
UniProt ID	P04732
SDS-PAGE	

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