

## Recombinant Human MT1F, GST-tagged

**Cat. No.** MT1F-125H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human MT1F(1 a.a. - 61 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ. |
| <b>Species</b>          | Human                                                                                                    |
| <b>Source</b>           | Wheat Germ                                                                                               |
| <b>Description</b>      | Metallothionein-1F is a protein that in humans is encoded by the MT1F gene.                              |
| <b>Molecular Mass</b>   | 32.45 kDa                                                                                                |
| <b>AA Sequence</b>      | MDPNCSCAAGVSTCAGSCKCKECKCTSCKKSCCSCCPVGCSKCAQGCVCCKGAS<br>EKCSCCD                                        |
| <b>Applications</b>     | ELISA; WB-Re; AP; Array                                                                                  |
| <b>Storage</b>          | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                          |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                 |

### GENE INFORMATION

|                        |                                                  |
|------------------------|--------------------------------------------------|
| <b>Gene Name</b>       | MT1F metallothionein 1F [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | MT1F                                             |

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|                            |                                                                                                                      |
|----------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b>            | MT1F; MT1; metallothionein 1F; metallothionein-1F; MT-1F; MT-IF; metallothionein-IF; metallothionein 1F (functional) |
| <b>Gene ID</b>             | <a href="#">4494</a>                                                                                                 |
| <b>mRNA Refseq</b>         | <a href="#">NM_001301272</a>                                                                                         |
| <b>Protein Refseq</b>      | <a href="#">NP_001288201</a>                                                                                         |
| <b>MIM</b>                 | <a href="#">156352</a>                                                                                               |
| <b>UniProt ID</b>          | P04733                                                                                                               |
| <b>Chromosome Location</b> | 16q13                                                                                                                |
| <b>Pathway</b>             | Mineral absorption                                                                                                   |
| <b>Function</b>            | zinc ion binding                                                                                                     |

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