

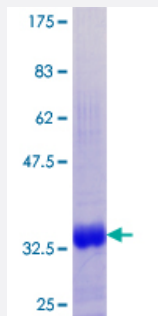
Full-Length

## MT1G (Human) Recombinant Protein (P01)

Catalog # H00004495-P01

Size 25 ug, 10 ug

### Applications



### Specification

|                                |                                                                                                             |
|--------------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | Human MT1G full-length ORF ( NP_005941.1, 1 a.a. - 61 a.a.) recombinant protein with GST-tag at N-terminal. |
| <b>Sequence</b>                | MDPNCSCAAGVSTCASSCKCKECKTSCCKSCCSCPVGCAKCAQGCICKGASEKCSCCA                                                  |
| <b>Host</b>                    | Wheat Germ (in vitro)                                                                                       |
| <b>Theoretical MW (kDa)</b>    | 32.5                                                                                                        |
| <b>Preparation Method</b>      | <a href="#">in vitro wheat germ expression system</a>                                                       |
| <b>Purification</b>            | Glutathione Sepharose 4 Fast Flow                                                                           |
| <b>Quality Control Testing</b> | 12.5% SDS-PAGE Stained with Coomassie Blue.                                                                 |
| <b>Storage Buffer</b>          | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                    |
| <b>Storage Instruction</b>     | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                             |
| <b>Note</b>                    | Best use within three months from the date of receipt of this protein.                                      |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — MT1G

|               |                      |
|---------------|----------------------|
| Entrez GeneID | <a href="#">4495</a> |
|---------------|----------------------|

|                     |                             |
|---------------------|-----------------------------|
| GeneBank Accession# | <a href="#">NM_005950.1</a> |
|---------------------|-----------------------------|

|                    |                             |
|--------------------|-----------------------------|
| Protein Accession# | <a href="#">NP_005941.1</a> |
|--------------------|-----------------------------|

|           |      |
|-----------|------|
| Gene Name | MT1G |
|-----------|------|

|            |                     |
|------------|---------------------|
| Gene Alias | MGC12386, MT1, MT1K |
|------------|---------------------|

|                  |                    |
|------------------|--------------------|
| Gene Description | metallothionein 1G |
|------------------|--------------------|

|         |                        |
|---------|------------------------|
| Omim ID | <a href="#">156353</a> |
|---------|------------------------|

|               |                           |
|---------------|---------------------------|
| Gene Ontology | <a href="#">Hyperlink</a> |
|---------------|---------------------------|

|                    |                    |
|--------------------|--------------------|
| Other Designations | metallothionein 1K |
|--------------------|--------------------|