

## Recombinant human Metallothionein-2

Catalog No: #AP72689

Package Size: #AP72689-1 20ug #AP72689-2 100ug #AP72689-3 1mg

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## Description

|                       |   |
|-----------------------|---|
| Product Name          | Recombinant human Metallothionein-2   |
| Brief Description     | Recombinant Protein   |
| Host Species          | Yeast   |
| Purification          | Greater than 90% as determined by SDS-PAGE.   |
| Immunogen Description | Expression Region:1-59aaSequence Info:Partial   |
| Other Names           | Metallothionein-2Metallothionein-II ;MT-II  |
| Accession No.         | P02795  |
| Uniprot               | P02795  |
| GeneID                | 4502;   |
| Calculated MW         | 7.9 kDa   |
| Tag Info              | N-terminal 6xHis-tagged   |
| Target Sequence       | MDPNCSCAAGDSCTCAGSCKCKECKCTSCKKSCCSCPVGCAKCAQGCICKGASDKCSC  |
| Formulation           | Tris-based buffer50% glycerol   |
| Storage               | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br><br>Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |

## Background

Metallothioneins have a high content of cysteine residues that bind various heavy metals; these proteins are transcriptionally regulated by both heavy metals and glucocorticoids.

## References

Primary structure of human hepatic metallothionein.Kissling M.M., Kaegi J.H.R.FEBS Lett. 82:247-250(1977)Research Topic:Epigenetics and Nuclear Signaling

Note: This product is for in vitro research use only