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Datasheet for ABIN7393247  
**MT1 Protein (AA 1-61) (His tag)**

### Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 100 µg  |
| Target:                       | MT1   |
| Protein Characteristics:      | AA 1-61   |
| Origin:                       | Human   |
| Source:                       | Escherichia coli (E. coli)  |
| Protein Type:                 | Recombinant   |
| Purification tag / Conjugate: | This MT1 protein is labelled with His tag.                                    |
| Application:                  | SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), Positive Control (PC) |

### Product Details

|                  |   |
|------------------|---|
| Sequence:        | Met1-Ala61  |
| Characteristics: | Recombinant Metallothionein 1 (MT1), Prokaryotic expression, Met1-Ala61, N-terminal His Tag |
| Purity:          | > 97 %  |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | MT1  |
| Alternative Name: | Metallothionein 1 ( <a href="#">MT1 Products</a> ) |
| Background:       | MT1A, MT1S, MTC                                    |
| Molecular Weight: | 16kDa  |
| UniProt:          | <a href="#">P04731</a>                             |

## Target Details

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Pathways: [Transition Metal Ion Homeostasis](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Isoelectric Point:8.7

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Buffer: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01 % SKL, 5 % Trehalose and Proclin300.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-80 °C

Storage Comment: Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Expiry Date: 12 months