

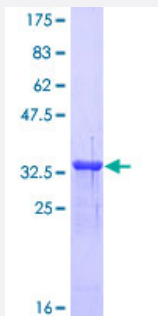
Full-Length

MT1A (Human) Recombinant Protein (P01)

Catalog # H00004489-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MT1A full-length ORF (AAH29475.1, 1 a.a. - 61 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MDPNCSCATGGSCTCTGSCKCKECKCNSCKKSCCSCCPMSCAKCAQGCICKGASEKCSCCA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	32.45
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	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 — MT1A

Entrez GeneID [4489](#)

GeneBank Accession# [BC029475](#)

Protein Accession# [AAH29475.1](#)

Gene Name MT1A

Gene Alias MGC32848, MT1, MT1S, MTC

Gene Description metallothionein 1A

Omim ID [156350](#)

Gene Ontology [Hyperlink](#)

Other Designations metallothionein 1A (functional)|metallothionein 1S

Publication Reference

- [Development of surface plasmon resonance-based sensor for detection of silver nanoparticles in food and the environment.](#)

Rebe Raz S, Leontaridou M, Bremer MG, Peters R, Weigel S.

Analytical and Bioanalytical Chemistry 2012 Jul; 403(10):2843.

Application: Coated, Recombinant protein

Disease

- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)