

Product Datasheet

Recombinant Human Metallothionein-1A GST (N-Term) Protein

H00004489-P01-10ug

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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Publications: 1

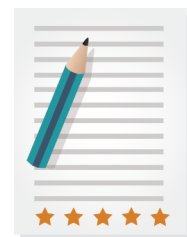
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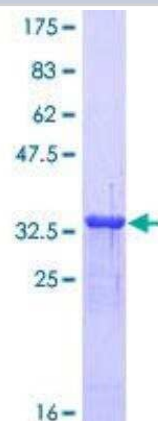


H00004489-P01-10ug**Recombinant Human Metallothionein-1A GST (N-Term) Protein**

Product Information	
Unit Size	10 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	32.45 kDa
Product Description	
Description	<p>Recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-61 of Human MT1A</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: MDPNCSCATGGGCTCTGSCCKECKCNSCKKSCCSCCPMSCAKCAQGCICK GASEKCSCCA</p>
Gene ID	4489
Gene Symbol	MT1A
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Protein Array, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, Protein Array, Immunoaffinity Purification

Images

SDS-Page: Recombinant Human Metallothionein-1A Protein [H00004489-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Rebe Raz S, Leontaridou M, Bremer MG et al. Development of surface plasmon resonance-based sensor for detection of silver nanoparticles in food and the environment. *Anal Bioanal Chem.* 2012-03-27 [PMID: 22451174]



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Products Related to H00004489-P01-10ug

MMP200	MMP-2 [HRP]
H00004489-B01P-50ug	Metallothionein-1A Antibody
DTM100	TIMP-1 [HRP]
AF482	Ret Antibody [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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