

Product datasheet

Recombinant Human MT3 protein ab114897

1 Image

Overview

Product name	Recombinant Human MT3 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Accession	P25713
Species	Human
Sequence	MDPETCPCPSGGSCCADSCKCEGCKCTSCKKSCCSCCPAECEKCAKDCV CKGGEAAEAEAEKCSCCQ
Molecular weight	33 kDa including tags
Amino acids	1 to 68

Specifications

Our [Abpromise guarantee](#) covers the use of **ab114897** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA SDS-PAGE Western blot
Form	Liquid
Additional notes	Protein concentration is above or equal to 0.05 mg/ml. Best use within three months from the date of receipt of this protein.

Preparation and Storage

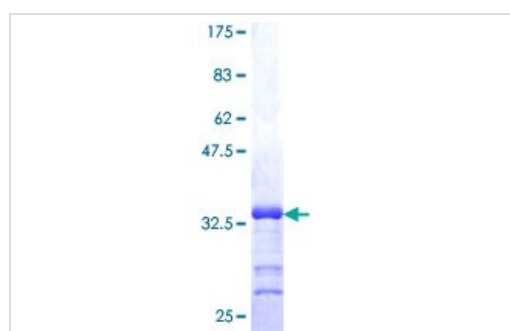
Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00
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Constituents: 0.3% Glutathione, 0.79% Tris HCl

General Info

Function	Binds heavy metals. Contains three zinc and three copper atoms per polypeptide chain and only a negligible amount of cadmium. Inhibits survival and neurite formation of cortical neurons in vitro.
Tissue specificity	Abundant in a subset of astrocytes in the normal human brain, but greatly reduced in the Alzheimer disease (AD) brain.
Sequence similarities	Belongs to the metallothionein superfamily. Type 1 family.

Images



12.5% SDS-PAGE showing ab114897 at approximately 33.1 kDa.
Stained with Coomassie Blue.

SDS-PAGE - Human MT3 full length protein
(ab114897)

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.com/abpromise> or contact our technical team.

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