

Product datasheet

Recombinant Human MT3 protein ab114897

1 Image

Overview

<b>Product name</b>	Recombinant Human MT3 protein
<b>Protein length</b>	Full length protein

Description

<b>Nature</b>	Recombinant
<b>Source</b>	Wheat germ
<b>Amino Acid Sequence</b>	
<b>Accession</b>	<a href="#">P25713</a>
<b>Species</b>	Human
<b>Sequence</b>	MDPETCPCPSGGSCTCADSKCEGCKCTSCKKSCCSCCPAECEKCAKDCV CKGGEEAEAEAEKSCCQ
<b>Molecular weight</b>	33 kDa including tags
<b>Amino acids</b>	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.

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

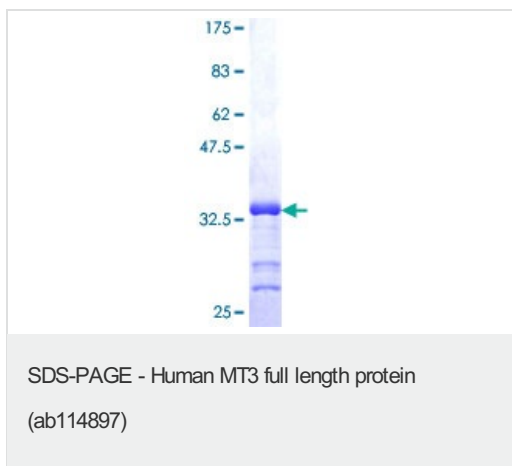
Preparation and Storage

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

<b>Function</b>	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.
<b>Tissue specificity</b>	Abundant in a subset of astrocytes in the normal human brain, but greatly reduced in the Alzheimer disease (AD) brain.
<b>Sequence similarities</b>	Belongs to the metallothionein superfamily. Type 1 family.

## Recombinant Human MT3 protein images



12.5% SDS-PAGE showing ab114897 at approximately 33.11kDa.  
Stained with Coomassie Blue.

**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
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- Response to your inquiry within 24 hours
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