

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 MDPETCPSPGGSCADSCCKCEGCKCTSCCKKSCCSCCPAECEKCAKDCV
 CKGGEEAEAEKCSCCQ
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

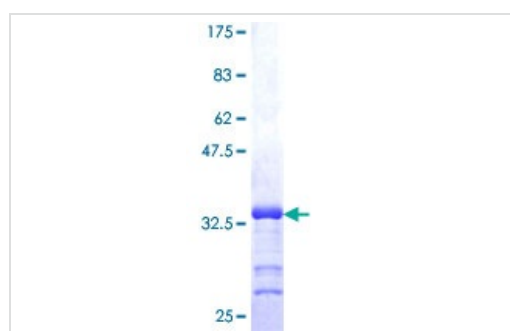
Stability and Storage Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
 pH: 8.00

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"

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- We investigate all quality concerns to ensure our products perform to the highest standards

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