

Product datasheet

Recombinant Human MT3 protein (Tagged) ab235794

1 Image

Description

Product name	Recombinant Human MT3 protein (Tagged)
Purity	> 90 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>P25713</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MDPETCPCPSGGGCTCADSCKCEGCKCTSCKKSCCSC CPAECEKCAKDCV CKGGEEAAEAEKCSCCQ
Predicted molecular weight	23 kDa including tags
Amino acids	1 to 68
Tags	His tag N-Terminus
Additional sequence information	N-terminal 6xHis-SUMO-tag.

Specifications

Our **Abpromise guarantee** covers the use of **ab235794** in the following tested applications.

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

Applications	SDS-PAGE
Form	Liquid

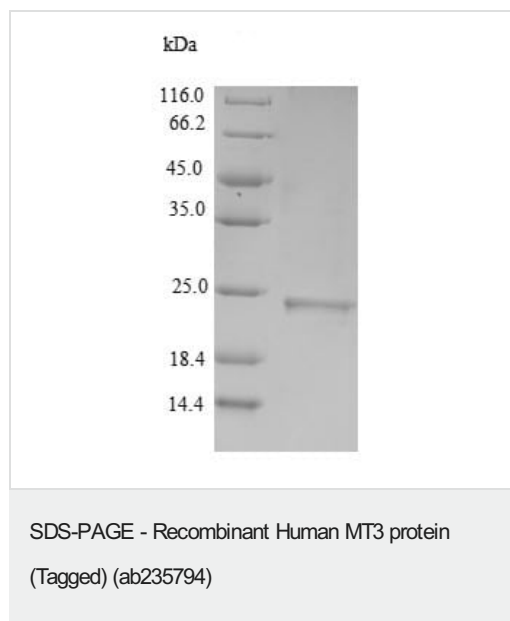
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 7.2 Constituents: Tris buffer, 50% Glycerol (glycerin, glycerine)
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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



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) analysis with 5% enrichment gel and 15% separation gel of ab235794.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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- We provide support in Chinese, English, French, German, Japanese and Spanish
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