abcam

Product datasheet

Recombinant Human Thymosin beta 4 protein ab112365

1 Image

Description

Product name	Recombinant Human Thymosin beta 4 protein
Expression system	Wheat germ
Accession	**P62328**
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MSDKPDMAEIEKFDKSKLKKTETQEKNPLPSKETIEQEKQ AGES
Predicted molecular weight	31 kDa including tags
Amino acids	1 to 44
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab112365** 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 ELISA Western blot
Form	Liquid

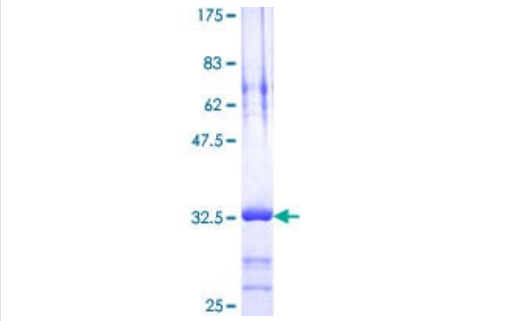
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80ºC. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function	Plays an important role in the organization of the cytoskeleton (By similarity). Binds to and sequesters actin monomers (G actin) and therefore inhibits actin polymerization. Seraspenide inhibits the entry of hematopoeitic pluripotent stem cells into the S-phase.
Tissue specificity	Expressed in several hemopoietic cell lines and lymphoid malignant cells. Decreased levels in myeloma cells.
Sequence similarities	Belongs to the thymosin beta family.
Cellular localization	Cytoplasm > cytoskeleton.

Images



SDS-PAGE - Recombinant Human Thymosin beta 4 protein (ab112365)

12.5% SDS-PAGE showing ab112365 at approximately 30.84 kDa, stained with Coomassie Blue.

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

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
- We provide support in Chinese, English, French, German, Japanese and Spanish
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