

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	MSDKPDMAEIEKFDKSKLKKKTETQEKNPLPSKETIEQE KQAGES	
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 Other
Form	Liquid
Additional notes	Best to use within three months from the date of receipt of this protein.

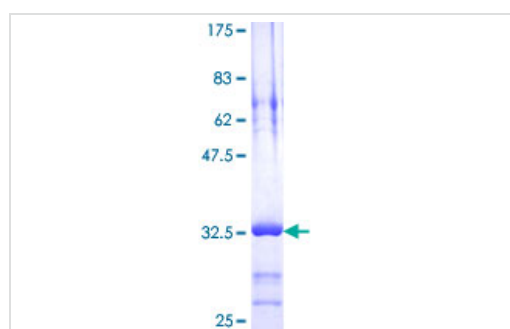
Preparation and Storage

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



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

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

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
- 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
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