

Product datasheet

Human Thymosin beta 4 peptide ab42265

Overview

Product name Human Thymosin beta 4 peptide

Description

Nature Synthetic

Amino Acid Sequence

Species Human

Sequence AcSDKPDMAEIEK

Amino acids 1 to 11

Specifications

Our [Abpromise guarantee](#) covers the use of **ab42265** in the following tested applications.

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

Applications Blocking - Blocking peptide for Anti-Thymosin beta 4 antibody ([ab14335](#))

Form Lyophilised

Preparation and Storage

Stability and Storage Shipped at 4°C. After reconstitution store at -20°C. Avoid freeze / thaw cycles.

Reconstitution Resuspend in 0.1% acetic acid for required concentration (vial content is 0.1 mg).

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.

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
- 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
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors