

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"

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