

## Product datasheet

# Human Thymosin beta 10 peptide ab42296

### Overview

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**Product name** Human Thymosin beta 10 peptide

### Description

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**Nature** Synthetic

#### Amino Acid Sequence

**Species** Human

**Sequence** AcADKPDMGEIASFDK

**Amino acids** 1 to 14

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab42296** in the following tested applications.

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

**Applications** Blocking  
SDS-PAGE

**Form** Liquid

### Preparation and Storage

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**Stability and Storage** Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.  
lyophilised from 80 % CH<sub>3</sub>CN; 0,07 % DF<sub>3</sub>COOH; H<sub>2</sub>O.

### General Info

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**Function** Plays an important role in the organization of the cytoskeleton. Binds to and sequesters actin monomers (G actin) and therefore inhibits actin polymerization.

**Sequence similarities** Belongs to the thymosin beta family.

**Developmental stage** Found to decrease dramatically after birth.

**Cellular localization** Cytoplasm > cytoskeleton.

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