

## Product datasheet

# MMP7 peptide (255-267) ab45799

### Overview

**Product name** MMP7 peptide (255-267)

### Description

**Nature** Synthetic

#### Amino Acid Sequence

**Species** Human

**Sequence** QKLYGKRSNSRKK

**Amino acids** 255 to 267

### Specifications

Our [Abpromise guarantee](#) covers the use of **ab45799** 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-MMP7 antibody ([ab39984](#))

**Form** Liquid

### Preparation and Storage

**Stability and Storage** Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

### General Info

**Function** Degrades casein, gelatins of types I, III, IV, and V, and fibronectin. Activates procollagenase.

**Sequence similarities** Belongs to the peptidase M10A family.

**Domain** The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc ion, thus inhibiting the enzyme. The dissociation of the cysteine from the zinc ion upon the activation-peptide release activates the enzyme.

**Cellular localization** Secreted > extracellular space > extracellular matrix.

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