

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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