

## Product datasheet

# Caspase-14 peptide ab72738

### Overview

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**Product name** Caspase-14 peptide

### Description

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**Nature** Synthetic

### Amino Acid Sequence

**Accession** [P31944](#)

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab72738** 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-Caspase-14 antibody ([ab45415](#))

**Form** Liquid

### Preparation and Storage

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**Stability and Storage** Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.

pH: 7.20

Preservative: 0.02% Sodium azide

Constituents: 0.12% Monobasic dihydrogen sodium phosphate, 0.142% Dibasic monohydrogen sodium phosphate, 0.754% Sodium chloride, 0.1% BSA

### General Info

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**Function** Believed to be a non-apoptotic caspase which is involved in epidermal differentiation. Seems to play a role in keratinocyte differentiation and cornification. Probably regulates maturation of the epidermis by proteolytically processing filaggrin.

**Tissue specificity** Expressed in keratinocytes of adult skin suprabasal layers (from spinous layers to the stratum granulosum and stratum corneum) (at protein level). Expressed in keratinocytes of hair shaft and sebaceous glands (at protein level). In psoriatic skin only expressed at very low levels.

**Sequence similarities** Belongs to the peptidase C14A family.

**Cellular localization** Cytoplasm. Nucleus.

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