

Product datasheet

Human Proteasome 20S alpha 5 peptide ab41791

Overview

Product name Human Proteasome 20S alpha 5 peptide

Description

Nature Synthetic

Amino Acid Sequence

Accession [P28066](#)

Species Human

Sequence CA-LQFGCEEDADPGAM

Amino acids 120 to 133

Specifications

Our [Abpromise guarantee](#) covers the use of **ab41791** in the following tested applications.

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

Applications Neutralising
Blocking - Blocking peptide for Anti-Proteasome 20S alpha 5 antibody ([ab11437](#))

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 The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. The proteasome has an ATP-dependent proteolytic activity.

Tissue specificity Expressed in fetal brain (at protein level).

Sequence similarities Belongs to the peptidase T1A family.

Cellular localization Cytoplasm. Nucleus.

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