

Product datasheet

Natural human Cathepsin H protein ab90385

1 Image

Overview

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**Product name** Natural human Cathepsin H protein  
**Protein length** Full length protein

Description

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**Nature** Native  
**Source** Native  
**Amino Acid Sequence**  
**Species** Human

Specifications

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Our [Abpromise guarantee](#) covers the use of **ab90385** in the following tested applications.

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

**Biological activity** Activity: greater than 1 unit per mg protein. One unit is defined as the amount of enzyme that hydrolyzes one  $\mu$ mole of L-arginine-beta-naphthylamide per minute at 40°C using 75 mM potassium phosphate, pH 6.8, with 1 mM EDTA and 3 mM cysteine as the activation buffer.

**Applications** Functional Studies  
 Western blot

**Form** Liquid

Preparation and Storage

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**Stability and Storage** Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.  
 pH: 4.50  
 Constituents: 0.164% Sodium acetate, 0.0292% EDTA, 0.58% Sodium chloride  
 This product is an active protein and may elicit a biological response in vivo, handle with caution.

General Info

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**Function** Important for the overall degradation of proteins in lysosomes.

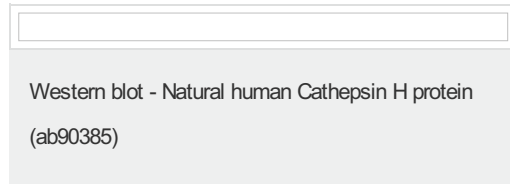
**Sequence similarities** Belongs to the peptidase C1 family.

**Cellular localization** Lysosome.

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## Images

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**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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- Replacement or refund for products not performing as stated on the datasheet
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