

Product datasheet

# Recombinant Human Carbonic Anhydrase III protein ab55235

1 Image

Overview

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**Product name** Recombinant Human Carbonic Anhydrase III protein  
**Protein length** Full length protein

Description

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**Nature** Recombinant  
**Source** Escherichia coli

Amino Acid Sequence

**Species** Human

Specifications

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Our [Abpromise guarantee](#) covers the use of **ab55235** in the following tested applications.

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

**Applications** SDS-PAGE  
**Purity** > 95 % SDS-PAGE.  
**Form** Liquid

Preparation and Storage

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

General Info

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**Function** Reversible hydration of carbon dioxide.  
**Tissue specificity** Muscle specific.  
**Sequence similarities** Belongs to the alpha-carbonic anhydrase family.  
**Developmental stage** At 6 weeks gestation, transcripts accumulate at low levels in the somites and at high levels

throughout the notochord. As gestation continues, CA3 becomes abundant in all developing muscle masses and continues at high to moderate levels in the notochord.

**Post-translational modifications**

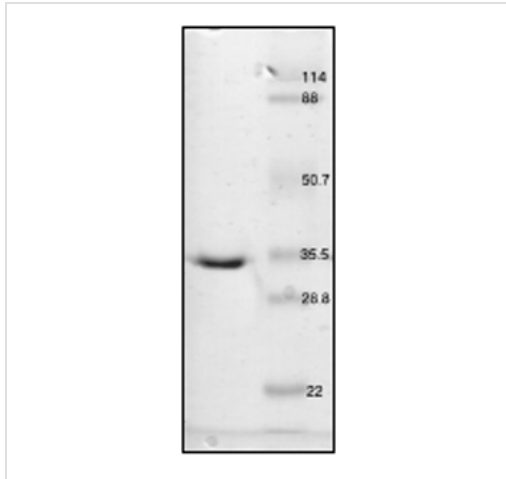
S-glutathionylated in hepatocytes under oxidative stress.

**Cellular localization**

Cytoplasm.

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**Images**



ab55235 on SDS-PAGE

SDS-PAGE - Carbonic Anhydrase III protein (His tag) (ab55235)

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

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- Extensive multi-media technical resources to help you
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