

Product datasheet

Recombinant Human Carbonic Anhydrase III protein ab55235

1 Image

Overview

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

Description

Nature Recombinant
Source Escherichia coli

Amino Acid Sequence

Species Human

Specifications

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

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

General Info

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.

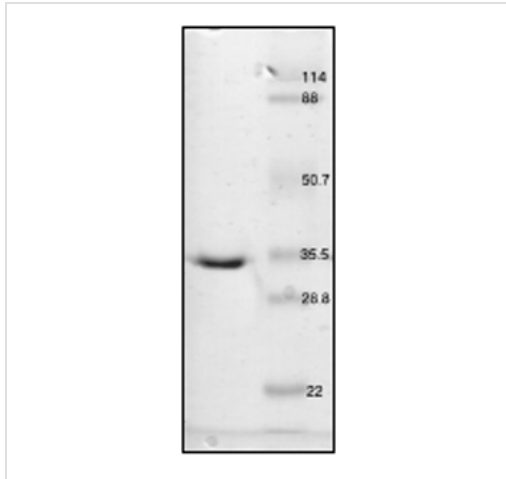
Post-translational modifications

S-glutathionylated in hepatocytes under oxidative stress.

Cellular localization

Cytoplasm.

Images



ab55235 on SDS-PAGE

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

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