

Product datasheet

Recombinant Human Carbonic Anhydrase 3/CA3 protein ab82823

Description

Product name	Recombinant Human Carbonic Anhydrase 3/CA3 protein
Purity	> 95 % Ion Exchange Chromatography.
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human

Specifications

Our **Abpromise guarantee** covers the use of **ab82823** in the following tested applications.

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

Applications	Western blot SDS-PAGE
Form	Liquid
Additional notes	This product was previously labelled as Carbonic Anhydrase III

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. pH: 6.80 Constituents: 0.1% Bromophenol blue, 1% Sodium lauryl sulfate, 0.77% DTT, 0.395% Tris HCl, 2.5% Glycerol
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General Info

Function	Reversible hydration of carbon dioxide.
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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.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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