abcam

Product datasheet

Recombinant Human CA8 protein ab123192

1 Image

Overview

Product name	Recombinant Human CA8 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli

Amino Acid Sequence

Accession	P35219
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMADLSF IEDTVAFPEK EEDEEEEEEG VEWGYEEGVE WGLVFPDANG EYQSPINLNS REARYDPSLL DVRLSPNYVV CRDCEVTNDG HTIQVILKSK SVLSGGPLPQ GHEFELYEVR FHWGRENQRG SEHTVNFKAF PMELHLIHWN STLFGSIDEA VGKPHGIAII ALFVQIGKEH VGLKAVTEIL QDIQYKGKSK TIPCFNPNTL LPDPLLRDYW VYEGSLTIPP CSEGVTWILF RYPLTISQLQ IEEFRRLRTH VKGAELVEGC DGILGDNFRP TQPLSDRVIR AAFQ
Molecular weight	36 kDa including tags
Amino acids	1 to 290
Tags	His tag N-Terminus

Specifications

Our Abpromise guarantee covers the use of **ab123192** in the following tested applications.

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

Applications	Mass Spectrometry
	SDS-PAGE
Mass spectrometry	MALDI-TOF

Purity	> 90 % SDS-PAGE. ab123192 is purified using conventional chromatography techniques.
Form	Liquid

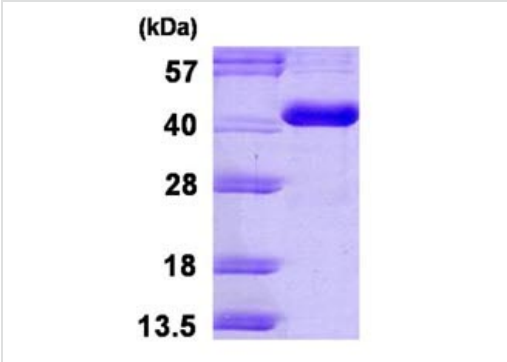
Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 8.00 Constituents: 0.02% DTT, 0.32% Tris HCl, 20% Glycerol

General Info

Function	Does not have a carbonic anhydrase catalytic activity.
Involvement in disease	Defects in CA8 are the cause of cerebellar ataxia mental retardation and dysequilibrium syndrome type 3 (CMARQ3) [MIM:613227]. CMARQ3 is a congenital cerebellar ataxia associated with dysarthia, quadrupedal gait and mild mental retardation.
Sequence similarities	Belongs to the alpha-carbonic anhydrase family.

Images



SDS-PAGE - CA8 protein (His tag) (ab123192)

15% SDS-PAGE showing ab123192 (3µg).

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
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- We investigate all quality concerns to ensure our products perform to the highest standards

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