

Datasheet for ABIN7552796
CA8 Protein (AA 1-290) (His tag)



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Overview

Quantity:	1 mg
Target:	CA8
Protein Characteristics:	AA 1-290
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CA8 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat CA8 Protein expressed in mammalian cells.
Sequence:	MADLSFIEDT VAFPEKEEDE EEEEEGVEWG YEEGVEWGLV FPDANGEYQS PINLNSREAR YDPSLLDVRL SPNYVVC RDC EVTNDGHTIQ VILKSKSVLS GGPLPQGHEF ELYEVRFHWG RENQRGSEHT VNFKA FPMEL HLIHWNSTLF GSIDEAVGKP HGIAIALFV QIGKEHVGLK AVTEILQDIQ YKGKSKTIPC FNPNTLLPDP LLRDYWVYEG SLTIPPCSEG VTWILFRYPL TISQLQIEEF RRLRTHVKGA ELVEGCDGIL GDNFRPTQPL SDRVIRAAFQ Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Characteristics:	Key Benefits: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	CA8
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Alternative Name:	CA8 (CA8 Products)
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Background:	Carbonic anhydrase-related protein (CARP) (Carbonic anhydrase VIII) (CA-VIII),FUNCTION: Does not have a carbonic anhydrase catalytic activity.
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Molecular Weight:	33.0 kDa
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UniProt:	P35219
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Handling

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months