

Product datasheet

Recombinant Human Carbonic Anhydrase 14/CA14 protein ab174400

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Description

Product name	Recombinant Human Carbonic Anhydrase 14/CA14 protein
Purity	> 85 % SDS-PAGE. ab174400 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>Q9ULX7</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHSSGLVPRGSHMGSAADGGQHWTYEGPHG QDHWPAYPECGN NAQSPIDIQTDSVTFDPDLPALQPHGYDQPGTEPLDLHNN GHTVQLSLPS TLYLGGLPRKYVAAQLHLHWGQKGSPPGGSEHQINSEATF AELHIVHYDSD SYDSLSEAAERPQGLAVLGILIEVGETKNIAIEHILSHLHEV RHKDQKTS VPPFNLRELLPKQLGQYFRYNGSLTTPPCYQSVLWTVFYR RSQISMEQLE KLQGTLFSTEEEPSKLLVQNYRALQPLNQRMFVAFSIQAG SSYTTGEM
Predicted molecular weight	33 kDa including tags
Amino acids	16 to 290
Tags	His tag N-Terminus
Additional sequence information	Extracellular domain. NCBI Accession No. NP_036245.

Specifications

Our **Abpromise guarantee** covers the use of **ab174400** 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 Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid

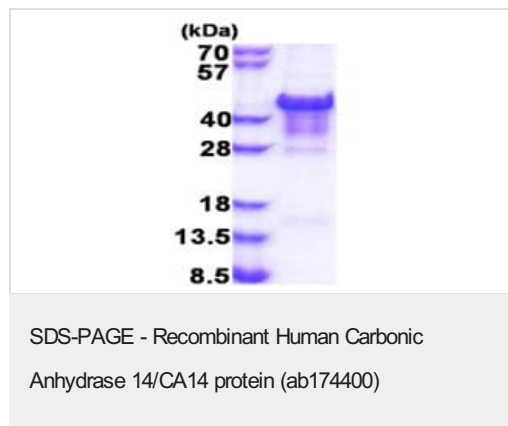
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.32% Tris HCl, 0.88% Sodium chloride, 10% Glycerol (glycerin, glycerine), 0.02% DTT
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General Info

Function	Reversible hydration of carbon dioxide.
Tissue specificity	High expression in all parts of the central nervous system and lower expression in adult liver, heart, small intestine, colon, kidney, urinary bladder and skeletal muscle.
Sequence similarities	Belongs to the alpha-carbonic anhydrase family.
Cellular localization	Membrane.

Images



15% SDS-PAGE analysis of ab174400 (3µg).

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

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- Response to your inquiry within 24 hours
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