

Bioactive

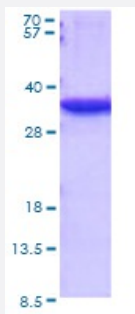
Full-Length

CA13 (Human) Recombinant Protein

Catalog # P6796

Size 50 ug

Applications



SDS-PAGE Stained with Coomassie Blue.

Specification

Product Description	Human CA13 (NP_940986, 1 a.a. - 262 a.a.) full length recombinant protein with His tag expressed in <i>Escherichia coli</i> .
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	31.8
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 90% by SDS-PAGE
Activity	Specific activity is > 2,500 pmol/min/ug, and is defined as the amount of enzyme that hydrolyze 1.0 pmole of 4-nitrophenyl acetate to 4-nitrophenol per minute at pH 7.5 at 37°C.
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue SDS-PAGE Stained with Coomassie Blue.
Recommend Usage	SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 1 mM DTT, pH 7.4 (10% glycerol)

Storage Instruction

Store at -20°C. For long term storage store at -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — CA13

Entrez GeneID	377677
Protein Accession#	Q8N1Q1
Gene Name	CA13
Gene Alias	CAXIII, FLJ37995, MGC59868
Gene Description	carbonic anhydrase XIII
Omim ID	611436
Gene Ontology	Hyperlink
Gene Summary	Carbonic anhydrases (CAs) are a family of zinc metalloenzymes. For background information on the CA family, see MIM 114800.[supplied by OMIM]
Other Designations	carbonic anhydrase 13

Pathway

- [Nitrogen metabolism](#)