



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Data Sheet

### CA1

Human, recombinant, C-terminal His-tag

**Catalog #:** 71093

Lot#: 130426

Conc.: 0.76 mg/ml

**Description:** Human carbonic anhydrase I, also known as CA1, (GenBank Accession No. NM\_001128829), full length (a.a. 1-261(end)) with C-terminal His-tag, MW = 29.7 kDa, expressed in an *E. coli* cell expression system.

**Formulated in:** 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 0.04% Tween-20, 185 mM imidazole and 20% glycerol

**Stability:** >6 months at -70°C. Avoid freeze/thaw cycles.

#### References:

1. Lowe, N., *et al.*, *Gene* 1990 Sep 14;**93(2)**:277-83.
2. Jover, T., *et al.*, *J Neurosci.* 2002 Mar 15;**22(6)**:2115-24.

## Quality Assurance

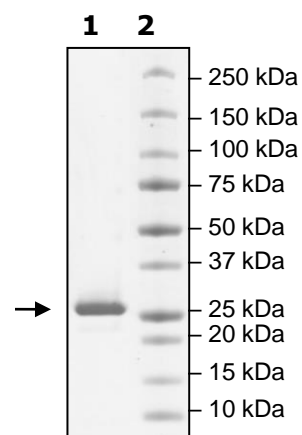
#### 4-20% SDS-PAGE Coomassie staining

**Lane 1:**  
2.2 µg CA1

**Lane 2:**  
Protein Marker

**MW:** 29.7 kDa

**Purity:** ≥90%



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**Sequence:**

MASPDWGYDDKNGPEQWSKLYPIANGNNQSPVDIKTSETKHDTSLKPISVSYNPATAK  
EIINVGHSHFVNFEDNDNRSVLKGGPFSDSYRLFQHFHWGSTNEHGSEHTVDGVKYS  
AELHVAHWNSAKYSSLAEAASKADGLAVIGVLMKVGEANPKLQKVLDALQAIKTKGKR  
APFTNFDPSTLLPSSLDFTYPGSLTHPPLYESVTWIICKESISVSSEQLAQFRSLLSNVE  
GDNAVPMQHNNRPTQPLKGRTVRASFHHHHHH

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