

## Recombinant Human CA1 protein(11-260 aa), C-His-tagged

**Cat. No.** CA1-2503H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CA1 protein(P00915)(11-260 aa), fused with C-terminal His tag, was expressed in E. coli.                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 11-260 aa                                                                                                                                                                                                                                                                    |
| <b>Form</b>             | 0.15 M Phosphate buffered saline                                                                                                                                                                                                                                             |
| <b>Molecular Mass</b>   | 30 kDa                                                                                                                                                                                                                                                                       |
| <b>Storage</b>          | Shipped on dry ice. Avoid repeated freeze-thaw cycles. Upon receipt, 2 days when stored at 2 to 8 °C after thawing.<br>Up to 12 months when aliquoted and stored at -20 to -80°C.                                                                                            |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                                                |
| <b>AA Sequence</b>      | KNGPEQWSKLYPIANGNNQSPVDIKTSETKHDTSLKPISVSYNPATAKEIINVGHFSFH<br>VNFEDNDNRSVLKGGPFSDSYRLFQFHFHWGSTNEHGSEHTVDGVKYSAELHVAH<br>WNSAKYSSLAEAASKADGLAVIGVLMKVGGEANPKLQKVLDALQAIKTKGKRAPFTNF<br>DPSTLLPSSLDFWTYPGSLTHPPLYESVTWIICKESISVSSEQLAQFRSLLSNVEGDN<br>AVPMQHNNRPTQPLKGRTVRAS |

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## GENE INFORMATION

**Gene Name** CA1 carbonic anhydrase I [ Homo sapiens ]

**Official Symbol** CA1

**Synonyms** CA1; carbonic anhydrase I; carbonic anhydrase 1; Car1; carbonic anhydrase B; carbonic dehydratase; carbonate dehydratase I; CAB; CA-I;

**Gene ID** 759

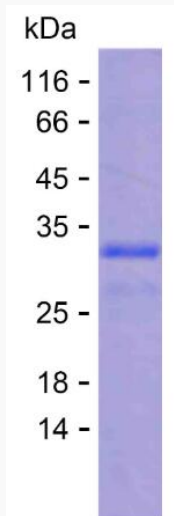
**mRNA Refseq** NM\_001128829

**Protein Refseq** NP\_001122301

**MIM** 114800

**UniProt ID** P00915

### SDS-PAGE



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