

## Native Human Carbonic Anhydrase II (CA2) Protein

Cat. No. CA2-30H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Native Carbonic Anhydrase II (CA2) Protein was purified from Homo sapiens (Human).
<b>Species</b>	Human
<b>Source</b>	Human
<b>Form</b>	Lyophilized from sterile PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Molecular Mass</b>	31.0kDa
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 92%
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70 centigrade.
<b>Storage</b>	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Reconstitute in PBS or others.

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**Shipping**

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended.

**GENE INFORMATION**

**Gene Name**

CA2 carbonic anhydrase II [ Homo sapiens ]

**Official Symbol**

CA2

**Synonyms**

CA2; carbonic anhydrase II; carbonic anhydrase 2; CA II; CAII; Car2; CAC; carbonic anhydrase B; carbonic anhydrase C; carbonic dehydratase; carbonate dehydratase II; CA-II;

**Gene ID**

760

**mRNA Refseq**

NM\_000067

**Protein Refseq**

NP\_000058

**MIM**

611492

**UniProt ID**

P00918

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