

# Product Datasheet

## Recombinant Human Carbonic Anhydrase II/CA2 Protein NBC1-28002

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBC1-28002**

## Recombinant Human Carbonic Anhydrase II/CA2 Protein

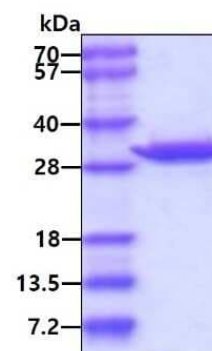
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>95%, by SDS-PAGE
Buffer	Phosphate-Buffered Saline (pH 7.4), 10% glycerol
Target Molecular Weight	29.2 kDa

Product Description	
Description	<p>An un-tagged recombinant protein corresponding to the amino acids 1-260 of Human Carbonic Anhydrase II/CA2</p> <p><b>Source:</b> <i>E.coli</i></p> <p><b>Amino Acid Sequence:</b> MSHHWGYGKH NGPEHWHKDF PIAKGERQSP VDIDHTAKY DPSLKPLSVS YDQATSLRIL NNGHAFNVEF DDSQDKAVLK GGPLDGTYRL IQFHFHWGSL DGQGSEHTVD KKKYAAELHL VHWNTKYGDF GKAVQQPDGL AVLGIFLKVG SAKPGLQKVV DVLDSIKTKG KSADFTNFDP RLLPESLDY WTYPGSLTTP PLLECVTWIV LKEPISVSSE QVLKFRKLN FNGEGEPEELM VDNWRPAQPL KNRQIKASFK</p>
Gene ID	760
Gene Symbol	CA2
Species	Human
Details of Functionality	Specific activity is > 7,000 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 8.0 at 37C.

Product Application Details	
Applications	SDS-Page, Enzyme Activity
Recommended Dilutions	SDS-Page, Enzyme Activity

**Images**

SDS-Page: Recombinant Human Carbonic Anhydrase II/CA2 Protein [NBC1-28002] - 3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 1 year from date of receipt.

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