

# Product Datasheet

## Recombinant E. coli Carbonic Anhydrase II/CA2 His Protein NBP2-52240-0.02mg

Unit Size: 0.02 mg

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

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**NBP2-52240-0.02mg**

Recombinant E. coli Carbonic Anhydrase II/CA2 His Protein

**Product Information**

<b>Unit Size</b>	0.02 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Purity</b>	>95%, by SDS-PAGE
<b>Buffer</b>	20 mM Tris-HCl buffer (pH 8.0), 1 mM DTT, 10% glycerol
<b>Target Molecular Weight</b>	27.2 kDa

**Product Description**

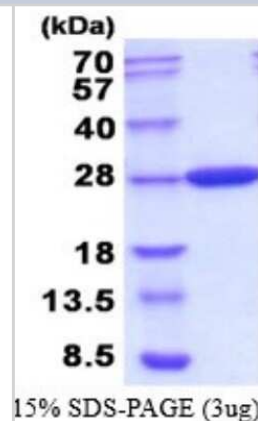
<b>Description</b>	<p>A bioactive recombinant protein with a N-Terminal His-tag and corresponding to the amino acids 1-220 of E.coli Carbonic Anhydrase II/CA2</p> <p><b>Source:</b> <i>E.coli</i></p> <p><b>Amino Acid Sequence:</b> MGSSHHHHHH SSGLVPRGSH MKDIDTLISN NALWSKMLVE EDPGFFEKLA QAQKPRFLWI GCSDSRVPAE RLTGLEPGEL FVHRNVANLV IHTDLNCLSV VQYAVDVLEV EHHICGHYG CGGVQAAVEN PELGLINNWL LHIRDIWFKH SLLGEMPQE RRLDTLCELN VMEQVYNLGH STIMQSAWKR GQKVTIHGWA YGIHDGLLRD LDVTATNRET LEQRYRHGIS NLKLKHANHK</p>
<b>Gene ID</b>	760
<b>Gene Symbol</b>	CA2
<b>Species</b>	E. coli
<b>Details of Functionality</b>	Specific activity is > 1,000 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 7.5 at 37C.

**Product Application Details**

<b>Applications</b>	SDS-Page, Enzyme Activity
<b>Recommended Dilutions</b>	SDS-Page, Enzyme Activity

**Images**

SDS-Page: Recombinant E. coli Carbonic Anhydrase II/CA2 Protein [NBP2-52240] - 15% SDS Page (3 ug)





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### **Products Related to NBP2-52240-0.02mg**

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NBP3-18130	Recombinant E. coli Carbonic Anhydrase II/CA2 His Protein
233-FB-025	FGF basic/FGF2/bFGF [Unconjugated]
NB600-919-100ug	Carbonic Anhydrase II/CA2 Antibody
NB300-141	GFAP Antibody

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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