

Recombinant Chicken CA2 protein, His-tagged

Cat. No. CA2-7676C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Chicken CA2 aa. (Met1~Gln260 (Accession # P07630)) fused with N-terminal His tag was produced in E. coli cells.
Species	Chicken
Source	E.coli
ProteinLength	Met1~Gln260
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.5kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.6.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

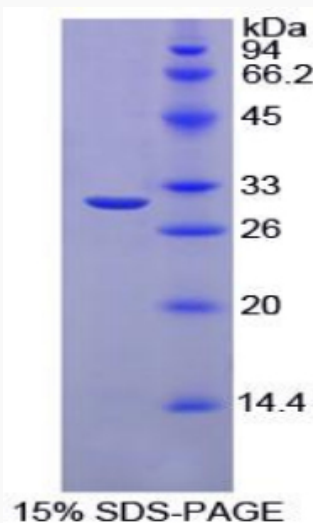
Gene Name	CA2 carbonic anhydrase 2 [Gallus gallus (chicken)]
Official Symbol	CA2
Synonyms	CA-II; carbonate dehydratase II; carbonic anhydrase II; carbonic anhydrase 2
Gene ID	396257
mRNA Refseq	NM_205317.1
Protein Refseq	NP_990648.1
UniProt ID	P07630

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SDS-PAGE



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