

Recombinant Human CA2 protein, His-SUMO-tagged

Cat. No. CA2-2617H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CA2 protein(P00918)(2-260aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-260aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	45.1 kDa
AA Sequence	SHHWGYGKHNGPEHWHKDFPIAKGERQSPVDIDHTAKYDPSLKPLSVSYDQATSL RILNNGHAFNVEFDDSDQKAVLKGGPLDGTYRLIQFHFHWGSLDGQGSEHTVDKKK YAAELHLVHWNTKYGDFGKAVQQPDGLAVLGIFLKVGSAPGLQKVVDVLDSIKTKG KSADFTNFAARGLLPESLDYWTYPGSLTTPPLLECVTWIVLKEPISVSSEQVLKFRKL NFNGEGEPEELMVDNWRPAQPLKNRQIKASFK
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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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