

Recombinant Rat Ca2 protein, His-tagged

Cat. No. Ca2-543R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ca2 protein(P27139)(2-260aa), fused with C-terminal His tag, was expressed in Yeast.
Species	Rat
Source	Yeast
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	30.5 kDa
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 repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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.

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AA Sequence

SHHWGYSKSNPENWHKEFPIANGDRQSPVDIDTGTAQHDPQLQPLLCYDKVASK
 SIVNNGHSFNVEFDDSDQDFAVLKEGPLSGSYRLIQFHFHWGSSDGQGSEHTVNKKK
 YAAELHLVHWNTKYGDFGKAVQHPDGLAVLGIFLKIGPASQGLQKITEALHSIKTKGK
 RAAFANFDPCSLPGNLDYWTYPGSLTTPPLLECVTWIVLKEPITVSSEQMSHFRKL
 NFNSEGEAEELMVDNWRPAQPLKNRRIKASFK

GENE INFORMATION

Gene Name [Ca2 carbonic anhydrase 2 \[Rattus norvegicus \]](#)

Official Symbol [Ca2](#)

Synonyms CA2; carbonic anhydrase 2; CA-II; carbonic anhydrase II; carbonate dehydratase II; Car2;

Gene ID [54231](#)

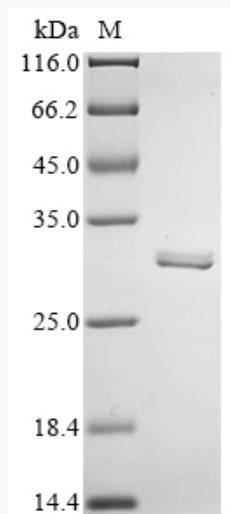
mRNA Refseq [NM_019291](#)

Protein Refseq [NP_062164](#)

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SDS-PAGE

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