

Carbonic Anhydrase II (CA2) Recombinant Protein | CA2 recombinant protein

Recombinant Carbonic Anhydrase II (CA2)

CATALOG # AAA161969	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Carbonic Anhydrase II (CA2); Recombinant Carbonic Anhydrase II (CA2); Carbonic Anhydrase II; CA2 recombinant protein (prokaryotic); Mouse; CA-II; CAII; Car2; CAC; Carbonate dehydratase II; Carbonic anhydrase C4; CA2 recombinant protein

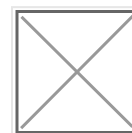
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	Freeze-dried powder; PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Sequence	Trp5~Lys26 0
Applicable Applications for CA2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Species	Mouse
Expression System	Prokaryotic expression
Tag	N-terminal His Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	6.9
Subcellular Location	Membrane, Cytoplasm
Research Area	Enzyme & Kinase, Tumor immunity, Bone metabolism
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months

IMAGES



SDS-PAGE
Figure. SDS-PAGE



Sequence
Figure. Gene Sequencing (extract)

ADDITIONAL INFORMATION

Product Categories/Family for CA2 recombinant protein	Prokaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157951596
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NCBI GeneID	12349
NCBI Accession #	NP_033931.4
NCBI GenBank Nucleotide #	NM_009801.5
UniProt Accession #	P00920; Q6LDQ7; Q7TPE1; Q9DCT3; Q9DCY9
Molecular Weight	29,033 Da
NCBI Official Full Name	carbonic anhydrase 2
NCBI Official Synonym Full Names	carbonic anhydrase 2
NCBI Official Symbol	Car2
NCBI Official Synonym Symbols	Ca2; CAII; Car-2; Ltw-5; Lvtw-5; AI131712
NCBI Protein Information	carbonic anhydrase 2
UniProt Protein Name	Carbonic anhydrase 2
UniProt Gene Name	Ca2
UniProt Synonym Gene Names	Car2; CA-II

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ca2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/161969>