

Corin (CRN) Recombinant Protein | CRN recombinant protein

Recombinant Corin (CRN)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA134635	E Coli	Rattus norvegicus (Rat)	Immunoprecipitation, Immunoprecipitation, ELISA, Western Blot, SDS-Page

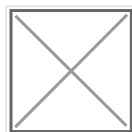
PRODUCT SYNONYMS

Corin (CRN); Recombinant Corin (CRN); CRN recombinant protein

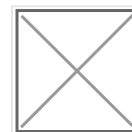
PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Rattus norvegicus (Rat)
Purity/Purification	> 98%
Form/Format	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarkosyl and Proclin300.
Applicable Applications for CRN recombinant protein	IP (CoImmunoprecipitation), IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Tissue Specificity	Heart.
Residues	Pro533~Gln634 (Accession # Q80YN4) with N-terminal His-Tag
Subcellular Location	Cell membrane; Single-pass type II membrane protein. Cytoplasmic vesicle.
Predicted isoelectric point	6.1
Predicted Molecular Mass	13.2kDa
Accurate Molecular Mass	14kDa as determined by SDS-PAGE reducing conditions.
Traits	Freeze-dried powder
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	32563562
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NCBI GeneID	289596
NCBI Accession #	NP_872279.1
NCBI GenBank Nucleotide #	NM_182473.1
UniProt Accession #	Q80YN4; D3ZN44; F1LS60
NCBI Official Full Name	atrial natriuretic peptide-converting enzyme
NCBI Official Synonym Full Names	corin, serine peptidase
NCBI Official Symbol	Corin
NCBI Protein Information	atrial natriuretic peptide-converting enzyme; pro-ANP-converting enzyme
UniProt Protein Name	Atrial natriuretic peptide-converting enzyme
UniProt Gene Name	Corin
UniProt Entry Name	CORIN_RAT

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/corin-recombinant-protein-e-coli-ip-coimmunoprecipitation-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134635>