

## Recoverin Recombinant Protein | RCVRN recombinant protein

Recoverin, 1-200 aa, Human, E Coli

|                              |                       |                                 |
|------------------------------|-----------------------|---------------------------------|
| CATALOG #<br><b>AAA11743</b> | HOST<br><b>E Coli</b> | APPLICATIONS<br><b>SDS-Page</b> |
|------------------------------|-----------------------|---------------------------------|

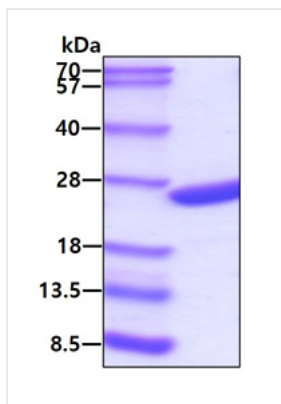
### PRODUCT SYNONYMS

Recoverin; 1-200 aa; Human; E Coli; RCVRN; RCV1; Cancer-associated retinopathy protein; Protein CAR; Cancer associated retinopathy protein; Cancer associated retinopathy protein antibody; CAR protein; ; RCVRN recombinant protein

### PRODUCT SPECIFICATIONS

|                                                       |                                                                                                                                                                                                                                  |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                  | E Coli                                                                                                                                                                                                                           |
| Purity/Purification                                   | > 95% by SDS-PAGE                                                                                                                                                                                                                |
| Form/Format                                           | Liquid. In 20 mM Tris pH 8.0, 1 mM EDTA, 2mM MgCl <sub>2</sub> , 10% glycerol                                                                                                                                                    |
| Concentration                                         | 1 mg/ml (determined by Bradford assay) (varies by lot)                                                                                                                                                                           |
| Sequence                                              | MGNSKSGALS KEILEELQLN TKFSEELCS WYQSFLKDCP TGRITQQQFQ SIYAKFFPDT DPKAYAQHVF<br>RSFDSNLDGT LDFKEYVIAL HMTTAGKTNQ KLEWAFSLYD VDGNGTISKV EVLEIVMAIF KMITPEDVKL<br>LPDDENTPEK RAEKIWKYFG KNDDDKLTEK EFIEGTLANK EILRLIQFEP QKVKEKMKNA |
| Sequence Length                                       | 200                                                                                                                                                                                                                              |
| Applicable Applications for RCVRN recombinant protein | SDS-PAGE                                                                                                                                                                                                                         |
| Domain                                                | 1-200aa                                                                                                                                                                                                                          |
| Tag                                                   | Non-tagged                                                                                                                                                                                                                       |
| Preparation and Storage                               | Can be stored at 2 to 8 degree C for 1 week. For long term storage, aliquot and store at -20 to -80 degree C. Avoid repeated freezing and thawing.                                                                               |

### IMAGES



#### SDS-PAGE

3µg by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for RCVRN recombinant protein | Recoverin is a heterogeneously acylated calcium-binding and intracellular signal transduction protein in the photoreceptor cells of retina. Recoverin contains four EF-hands, of which two bind Ca. Ca-induced extrusion of the acyl group from a hydrophobic cleft in the protein drives the translocation of recoverin from solution to the disc membrane. Recently, recoverin is a detectable serologic protein that is expressed in patients with cancer-associated retinopathy, a paraneoplastic syndrome. Recombinant human recoverin was overexpressed in E. coli and purified by using conventional chromatography techniques |
| Product Categories/Family for RCVRN recombinant protein   | Cancer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| References                                                | Sampath P., et al. (2004) Cancer Control. 11, 174-80. Erickson MA., et al. (1998) Proc. Natl. Acad. Sci. 95, 6474-9.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

NCBI AND UNIPROT INFORMATION

|                                  |                                          |
|----------------------------------|------------------------------------------|
| NCBI GI #                        | 4506459                                  |
| NCBI GeneID                      | 5957                                     |
| NCBI Accession #                 | NP_002894                                |
| NCBI GenBank Nucleotide #        | NM_002903.2                              |
| UniProt Accession #              | P35243; Q53XL0                           |
| Molecular Weight                 | 23 kDa (200 aa), confirmed by MALDI-TOF. |
| NCBI Official Full Name          | recoverin                                |
| NCBI Official Synonym Full Names | recoverin                                |
| NCBI Official Symbol             | RCVRN                                    |
| NCBI Official Synonym Symbols    | RCV1                                     |
| NCBI Protein Information         | recoverin                                |
| UniProt Protein Name             | Recoverin                                |
| UniProt Gene Name                | RCVRN                                    |
| UniProt Synonym Gene Names       | RCV1; Protein CAR                        |

**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/rcvm-recombinant-protein-e-coli-sds-page/11743>