

[Go to Product page](#)

Datasheet for ABIN7281368

**Recoverin Protein (RCVRN) (AA 33-293) (His tag)**

## Overview

Quantity:	100 µg
Target:	Recoverin (RCVRN)
Protein Characteristics:	AA 33-293
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Recoverin protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	MGSSHHHHHH SSSLVPRGSH MGSMGNSKSG ALSKEILEEL QLNTKFTEEE LSAWYQSFLK ECPSGRITRQ EFESIYSKFF PDSDPKAYAQ HVFRSFDANS DGTLDKFKEYV IALHMTTAGK PTQKLEWAFS LYDVDGNGTI SKNEVLEIVM AIFKMIKPED VKLLPDDENT PEKRAEKIWA FFGKKEDDKL TEEEFIEGTL ANKEILRLIQ FEPQKVKERI KEKKQ
Purity:	> 90 % by SDS - PAGE

## Target Details

Target:	Recoverin (RCVRN)
Alternative Name:	Recoverin ( <a href="#">RCVRN Products</a> )
Background:	Recoverin also known as Rcvrn, is a heterogeneously acylated calcium-binding and intracellular signal transduction protein in the photoreceptor cells of retina. Recoverin contains four EF-

## Target Details

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 Mouse recoverin, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Molecular Weight: 25.8kDa (225aa)

NCBI Accession: [NP\\_033064](#)

UniProt: [P34057](#)

Pathways: [Regulation of G-Protein Coupled Receptor Protein Signaling](#), [Phototransduction](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Liquid. In Phosphate Buffered Saline ( pH 7.4) containing 10 % glycerol, 1 mM DTT

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.