

## Product datasheet for **TP300428L**

### Recoverin (RCVRN) (NM\_002903) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human recoverin (RCVRN), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC200428 protein sequence  
Red=Cloning site Green=Tags(s)

MGNSKSGALSKEILEELQLNTKFSEELCSWYQSFLKDCPTGRITQQQFQSIYAKFFPDTDPKAYAQHVF  
RSFDSNLDGTLDFKEYVIALHMTTAGKTNQKLEWAFSLYDVGNGTISKNEVLEIVMAIFKMITPEDVKL  
LPDDEENTPEKRAEKIWKYFGKNDKDLTEKEFIEGTLANKEILRLIQFEPQKVKEKMKNA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-Myc/DDK

**Predicted MW:** 22.9 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_002894](#)

**Locus ID:** 5957

**UniProt ID:** [P35243](#)

**RefSeq Size:** 1217



[View online »](#)

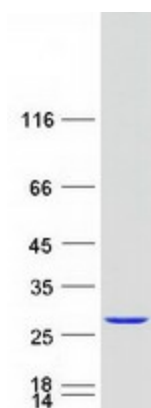
Cytogenetics: 17p13.1

RefSeq ORF: 600

Synonyms: RCV1

**Summary:** This gene encodes a member of the recoverin family of neuronal calcium sensors. The encoded protein contains three calcium-binding EF-hand domains and may prolong the termination of the phototransduction cascade in the retina by blocking the phosphorylation of photo-activated rhodopsin. Recoverin may be the antigen responsible for cancer-associated retinopathy. [provided by RefSeq, Jul 2008]

### Product images:



Coomassie blue staining of purified RCVRN protein (Cat# [TP300428]). The protein was produced from HEK293T cells transfected with RCVRN cDNA clone (Cat# [RC200428]) using MegaTran 2.0 (Cat# [TT210002]).