

Recombinant Human RCVRN Protein (2-200 aa), His-tagged

Cat. No. RCVRN-1847H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RCVRN Protein (2-200 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Neuroscience. Protein Description: Full Length of Mature Protein.
Species	Human
Source	Yeast
ProteinLength	2-200 aa
Description	Seems to be implicated in the pathway from retinal rod guanylate cyclase to rhodopsin. May be involved in the inhibition of the phosphorylation of rhodopsin in a calcium-dependent manner. The calcium-bound recoverin prolongs the photoresponse.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	25.0 kDa
AA Sequence	GNSKSGALSKEILEELQLNTKFSEEEELCSWYQSFLKDCPTGRITQQQFQSIYAKFFP DTDPKAYAQHVFERSFDSNLDGTLDFKEYVIALHMTTAGKTNQKLEWAFSLYDVDGN GTISKNEVLEIVMAIFKMITPEDVKLLPDDENTPEKRAEKIWKYFGKNDDDKLTEKEFI EGTLANKEILRLIQFEPQKVKEKMKNA
Purity	> 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

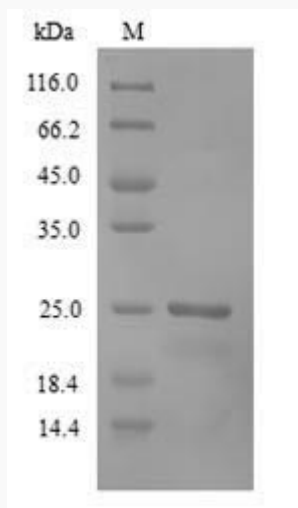
GENE INFORMATION

Gene Name	RCVRN recoverin [Homo sapiens]
Official Symbol	RCVRN
Synonyms	RCVRN; recoverin; RCV1; cancer associated retinopathy antigen;
Gene ID	5957
mRNA Refseq	NM_002903
Protein Refseq	NP_002894
MIM	179618
UniProt ID	P35243

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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