

Recombinant Mouse Rcvrn Protein, His-tagged

Cat. No. Rcvrn-001M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse recoverin(33-293aa), fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Mouse
Source	E.coli
ProteinLength	33-293 a.a.
Description	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-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.
Form	Liquid
Molecular Mass	25.8 kDa
Purity	> 90% by SDS - PAGE
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing

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	cycles.
Concentration	1.0 mg/mL (determined by Absorbance at 280nm)
Storage Buffer	In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol. 1mM DTT.
Warning	For research use only. This product is not intended or approved for human, diagnostics or veterin
AA Sequence	MGSSHHHHHHSSGLVPRGSHMGSMGNSKSGALSKEILEELQLNTKFTEEEELSAWY QSFLKECPSGRITRQEFESIYSKFFPDSDPKAYAQHVFERSFDANS DGTLDKFKEYVIAL HMTTAGKPTQKLEWAFSLYDVDGNGTISKNEVLEIVMAIFKMIKPEDVKLLPDDENTP EKRAEKIWAFFGKKEDDKLTEEEFIEGTLANKEILRLIQFEPQKVKERIKEKKQ

GENE INFORMATION

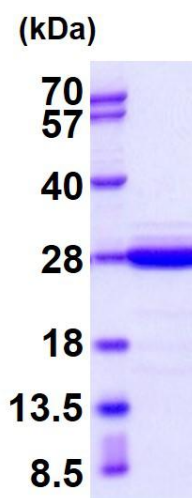
Gene Name	Rcvrn recoverin [Mus musculus (house mouse)]
Official Symbol	Rcvrn
Synonyms	CAR; S-modulin; recoverin; 23 kDa photoreceptor cell-specific protein; cancer-associated retinopathy protein; guanylate cyclase activator
Gene ID	19674
mRNA Refseq	NM_009038
Protein Refseq	NP_033064
UniProt ID	P34057

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SDS-PAGE



15% SDS-PAGE (3 µg)

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