

Recombinant Mouse Rcvrn Protein, Myc/DDK-tagged

Cat. No. Rcvrn-5441M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length recoverin (Rcvrn), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
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.
Molecular Mass	23.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Rcvrn recoverin [Mus musculus (house mouse)]
Official Symbol	Rcvrn
Synonyms	RCVRN; recoverin; guanylate cyclase activator; cancer associated retinopathy protein; cancer-associated retinopathy protein; 23 kDa photoreceptor cell-specific protein; CAR; S-modulin; MGC129468
Gene ID	19674
mRNA Refseq	NM_009038
Protein Refseq	NP_033064
UniProt ID	P34057

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