

Product datasheet for TP523908

Rcvrn (NM_009038) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse recoverin (Rcvrn), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR223908 protein sequence Red =Cloning site Green =Tags(s)
	 MGNSKSGALSKEILEELQLNTKFTTEEELSAWYQSFLKECPSGRITRQEFESIYSKFFPDSDPKAYAQHVF RSFDANSDGTLDKEYVIALHMTTAGKPTQKLEWAFSLYDVDGNGTISKNEVLEIVMAIFKMIKPEDVKL LPDDEPTEKRAEKIWAFFGKKEDDKLTEEFIEGTLANKEILRLIQFEPQKVKERIKEKKQ TR TRPLE Q KLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	23.4 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
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 after receiving vials.
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_033064
Locus ID:	19674
UniProt ID:	P34057 , Q2TB46
RefSeq Size:	1076
Cytogenetics:	11 41.13 cM



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RefSeq ORF: 609

Synonyms: CAR; S-modulin

Summary: 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.[UniProtKB/Swiss-Prot Function]