

Recombinant Human Recoverin(RCVRN)

Catalog No: #AP70704

Package Size: #AP70704-1 20ug #AP70704-2 100ug #AP70704-3 1mg

Description

Product Name	Recombinant Human Recoverin(RCVRN)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-200aaSequence Info:Full Length
Other Names	Cancer-associated retinopathy protein ;Protein CAR
Accession No.	P35243
Calculated MW	27 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	GNSKSGALSKEILEELQLNTKFSEEELCSWYQSFLKDCPTGRITQQFQSIYAKFFPDTPKAYAQHVFRSFD SNLDGTLDFKEYVIALHMTTAGKTNQKLEWAFSLYDVGNGTISKNEVLEIVMAIFKMITPEDVKLLPDDENTPE KRAEKIWKYFGKNDDDKLTEKEFIEGTLANKEILRLIQFEPQKVKEKMKNA
Formulation	Tris-based buffer50% glycerol
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°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Ses 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.

References

Expression of a photoreceptor protein, recoverin, as a cancer-associated retinopathy autoantigen in human lung cancer cell lines.Matsubara S., Yamaji Y., Sato M., Fujita J., Takahara J.Br. J. Cancer 74:1419-1422(1996)Research Topic:Neuroscience

Note: This product is for in vitro research use only and is not intended for use in humans or animals.