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Recoverin, Human, Recombinant, E.coli

产品货号: TP03709

第三版

别名:RCVRN, RCV1

描述: Recoverin 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.

配方: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM EDTA 2 mM MgCl₂, 10% glycerol

分子量: 23 kDa (200 aa), confirmed by MALDI-TOF

序列:

MGNSKSGALSKEILEELQLNFKFSEEELCSWYQSFLKDCPTGRITQQQFQSIYAKFFPDTDPKAYAQHVFERSFDSNLDGTLD
FKEYVIALHMTTAGKTNQKLEWAFSLYDVGNGTISKNEVLEIVMAIFKMITPEDVKLLPDDENTPEKRAEKIWKYFGKN
DDDKLTEKEFIEGTLANKEILRLIQFEPQKVKEKMKNA

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.