

Product datasheet for SA6058

Recoverin Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recoverin human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGNSKSGALS KEILEELQLN TKFSEELCS WYQSFLKDCP TGRITQQQFQ SIYAKFFPDT DPKAYAQHVF RSFDSNLDGT LDFKEYVIAL HMTTAGKTNQ KLEWAFSLYD VDGNGTISKN EVLEIVMAIF KMITPEDVKL LPDDENTPEK RAEKIWKYFG KNDDDKLTEK EFIEGLANK EILRLIQFEP QKVKEKMKNA
Predicted MW:	23 kDa
Concentration:	lot specific
Purity:	>95% by SDS-PAGE
Buffer:	Presentation State: Purified State: Liquid protein Buffer System: 20 mM Tris pH 8.0, 1 mM EDTA, 2 mM MgCl ₂ , 10% Glycerol
Preparation:	Liquid protein
Protein Description:	Recombinant human recoverin was overexpressed in E. coli and purified by using conventional chromatography techniques.
Storage:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_002894
Locus ID:	5957
UniProt ID:	P35243
Cytogenetics:	17p13.1
Synonyms:	RCV1



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Summary:

This gene encodes a member of the recoverin family of neuronal calcium sensors. The encoded protein contains three calcium-binding EF-hand domains and may prolong the termination of the phototransduction cascade in the retina by blocking the phosphorylation of photo-activated rhodopsin. Recoverin may be the antigen responsible for cancer-associated retinopathy. [provided by RefSeq, Jul 2008]

Product images: