

Recombinant Full Length *Cambarellus Shufeldtii* Rhodopsin(Rho) Protein, His-Tagged

Cat. No. RFL18539CF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Cambarellus shufeldtii</i> Rhodopsin(RHO) Protein (O16018) (1-301aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Cambarellus shufeldtii</i> (Cajun dwarf crayfish)
Source	<i>E. coli</i>
ProteinLength	Full Length (1-301)
Form	Lyophilized powder
AA Sequence	LHMIHLHWYQYPPMNPMMYPLLLIFMFITGIPCLAGNFVTIWVFMTTKSLRSPANLLV VN LAMSDFLMMFTMFPPMMITCYHTWTLGPTFCQVYAFLGNLFGCTSIWTMVFIT FDRYNV IVKGVAGEPLSNKKAALWILSAWVLSFSWCSAPFFGWNRYVPEGNLTGC GTDYLSEDALS RSYLYVYSVWVYFLPLLITICYVFIKAVAAHEKGMRDQAKKMGIK SLRNEEAQKTSAE CRLAKIAMTTVALWFIWTPYLLINWVGMFARSYLSPVYTIWGY VFAKANAVYNPIVYAI S
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
----------------	--

Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
-----------------------	---

Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
-----------------------	---

GENE INFORMATION

Gene Name	RHO
------------------	-----

Synonyms	RHO; Rhodopsin; Fragment
-----------------	--------------------------

UniProt ID	O16018
-------------------	------------------------

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA