

Recombinant Full Length *Sardina Pilchardus* Rhodopsin(Rho) Protein, His-Tagged

Cat. No. RFL36625SF Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant Full Length <i>Sardina pilchardus</i> Rhodopsin(rho) Protein (Q9YGZ0) (1-351aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> . |
| Species | <i>Sardina pilchardus</i> (European pilchard) (<i>Clupea pilchardus</i>) |
| Source | <i>E. coli</i> |
| ProteinLength | Full Length (1-351) |
| Form | Lyophilized powder |
| AA Sequence | MNGTEGPPFFYIPMSNATGLVRSPYDYPQYYLVPPWGYACLAAYMFLILITGFPVNFLTLY VTIEHKKLRSPLNYILLNLAVADLFMVIGGFTTTMMWTSNLNGYFVFGRMGCNIEGFATLG GEIALWLSLVLSMERWIVVCKPISNFRFGENHAVMGVAFSWFMAAACAVPPLVGWSRYIP EGMQCSCGIDYYTRAEGFNNEFVIYMFVVHFTCPLTIITFCYGRLLVCTVKEAAAQQQES ETTQRAEREVTRMVIIMFVAFLACWVPYASVAWYIFTHQGSEFGPVFMTIPAFFAKSSAV YNPVIYICLNKQFRHCMITTLCCGKNPFEEEEEGSTTASKTEASSVCSVSPA |
| 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 |

 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

for up to one week.

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

UniProt ID

[Q9YGZ0](#)

 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