

Recombinant Full Length Lampetra Japonica Rhodopsin(Rho) Protein, His-Tagged

Cat. No. RFL28121LF **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|--|
| Product Overview | Recombinant Full Length Lampetra japonica Rhodopsin(RHO) Protein (P22671) (1-353aa), fused to N-terminal His tag, was expressed in E. coli. |
| Species | Lethenteron camtschaticum (Japanese lamprey) (Lampetra japonica) |
| Source | E.coli |
| ProteinLength | Full Length (1-353) |
| Form | Lyophilized powder |
| AA Sequence | MNGTEGDNFYVPFSNKTGLARSPYEYPQYYLAEPWKYSALAAYMFFLILVGFPVNFL TLF VTVQHKKLRTPLNILLNLAMANLFMVLFGFTVTMYTSMNGYFVFGPTMCSIEG FFATLG GEVALWVLAIERIVICKPMGNFRFGNTHAIMGVAFTWIMALACAAPPL VGWSRYIP EGMQCSCGPDYYTLNPNFNNESYVVYMFVVHFLVPFVIIFFCYGRLLC TVKEAAAQQES ASTQKAEKEVTRMVVLMVIGFLVCWVPYASVAFYIFTHQGSDFG ATFMTLPAFFAKSSAL YNPVIYILMNKQFRNCMITTLCCGKNPLGDDESGASTSKTE VSSVSTSPVSPA |
| 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 |

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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

[P22671](#)

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