

# Recombinant Full Length Photorhabdus Luminescens Protease Rsep(Rsep) Protein, His-Tagged

**Cat. No.** RFL33399PF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Photorhabdus luminescens Protease rseP(rseP) Protein (Q9S342) (1-226aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                               |
| <b>Species</b>          | Photorhabdus luminescens                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | Full Length (1-226)                                                                                                                                                                                                                                   |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | VEKVIPGSAAEKAGLQKGDRIVKVGSGEIDVWHTFTSFVSNNPNVPLELSVDRAGHII<br>SL SMTPEVRQQSGGRKVGFGAGVELRIVPLADEYKIVQQYGPFSAMYQAGDKTWQL<br>MRLTVSM IGKLIVGDVKINNLSGPISIAKGAGVSADSGLVYYLMFLALISVNLGIINLIPL<br>PVL DGG HLLFLFIEKIKGGPVSERVQDFS YRIGAMILVLLMGLALFNDFS RF |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                           |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                   |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                        |

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|                       |                                             |
|-----------------------|---------------------------------------------|
| <b>Storage Buffer</b> | 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**

rseP

**Synonyms**

rseP; Protease RseP; S2P endopeptidase; Site-2 protease RseP; S2P protease RseP; Site-2-type intramembrane protease; Fragment

**UniProt ID**[Q9S342](#)

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