

# Recombinant Full Length *Shewanella Sediminis* Atp Synthase Subunit B(Atpf) Protein, His-Tagged

**Cat. No.** RFL8883SF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Full Length <i>Shewanella sediminis</i> ATP synthase subunit b(atpF) Protein (A8G1W9) (1-156aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> . |
| <b>Species</b>          | <i>Shewanella sediminis</i>   |
| <b>Source</b>           | <i>E. coli</i>  |
| <b>ProteinLength</b>    | Full Length (1-156)   |
| <b>Form</b>             | Lyophilized powder  |
| <b>AA Sequence</b>      | MNINATLLGQTVAFIIFVWFCMKFVWPPLMNAIEERQKRIADGLADADRAVKDLELAQ<br>SK ATDQLKDAKATANEIIEQANKRKAQIVDEAKAEADAERAKIIAQQQAEIEAERNRV<br>KEDL RKQVATLAIYGAEKILERSIDEAAHSDIVNKLVAEL      |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.   |
| <b>Applications</b>     | 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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**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** atpF

**Synonyms** atpF; Ssed\_4490; ATP synthase subunit b; ATP synthase F(0 sector subunit b; ATPase subunit I; F-type ATPase subunit b; F-ATPase subunit b

**UniProt ID** [A8G1W9](#)

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