

# Recombinant Full Length Escherichia Coli Spermidine Export Protein Mdtj(Mdtj) Protein, His-Tagged

**Cat. No.** RFL5359EF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Full Length Escherichia coli Spermidine export protein MdtJ(mdtJ) Protein (B6IB34) (1-121aa), fused to N-terminal His tag, was expressed in E. coli. |
| <b>Species</b>          | E.coli   |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | Full Length (1-121)  |
| <b>Form</b>             | Lyophilized powder   |
| <b>AA Sequence</b>      | MYIYWILLGLAIAATEITGTL SMKWASVSENGGGFILMLVMISLSYIFLSFAVKKIALGVA<br>YALWEGIGILFITLFSVLLFDESLSLMKIAGLTTLVAGIVLIKSGTRKARKPELEVNHGA<br>V                              |
| <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.   |
| <b>Storage Buffer</b>   | Tris/PBS-based buffer, 6% Trehalose, pH 8.0  |

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**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**

|                   |   |
|-------------------|---|
| <b>Gene Name</b>  | mdtJ  |
| <b>Synonyms</b>   | mdtJ; ECSE_1721; Spermidine export protein MdtJ |
| <b>UniProt ID</b> | <a href="#">B6IB34</a>                          |

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