

Recombinant Full Length Protein Translocase Subunit Secd(Secd) Protein, His-Tagged

Cat. No. RFL9450UF Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Full Length Protein translocase subunit SecD(secD) Protein (B1H0M4) (1-475aa), fused to N-terminal His tag, was expressed in E. coli. |
| Species | Uncultured termite group 1 bacterium phylotype Rs-D17 |
| Source | E.coli |
| ProteinLength | Full Length (1-475) |
| Form | Lyophilized powder |
| AA Sequence | <p>MKINWKLLITVTLLAFSVWALWPSLKFALMSDEKKEQSEKERDPVLGRTLKLGLDLK GGT YLLETDTSHLNGAVKVKDAVSRAIEIIRNRIDQFGVTEPMIAKQGDKWIVIQLP GIKDP KAAKDLIGKTALLEFRIVNTSEEARQVLDLIYEKRITPVQYRENS SAYPDIKAV MPEGAS VFESRSNMDYYVLDKALLTGAALANAKVEFGGEYGQMMVSIEFN RDGGK IFEYITERNIG KSLAIVLDGIVQSAPVIRTRISRGERASIEGNFNSEDAKVLAAVLRAGA LPVPVRLIEER TVGPSLGDDSIKKGFMSSLIGIVLVFLFMFIYYRSSGLIADVALSLNLI LMAIMAYLKF TLTPGVAGIALTLAMSVDANVLILIRIEEIAVGKTAKMAVDAGYQKV FWTIFDANFTT LIAALFLFQFGAGPIKGFVAVTLSIGLIVSMFTA VTVTKLIYEFLFKKNLL LKIKI</p> |
| Purity | Greater than 90% as determined by 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

secD

Synonyms

secD; TGRD_573; Protein translocase subunit SecD

UniProt ID

[B1H0M4](#)

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