

# Recombinant *Vibrio psychroerythus* dinB protein, His-tagged

**Cat. No.** dinB-4488V    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant <i>Vibrio psychroerythus</i> dinB protein(Q487H6)(1-352aa), fused to N-terminal His tag, was expressed in <i>E. coli</i>                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | <i>Vibrio psychroerythus</i>                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | <i>E. coli</i>                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Protein Length</b>   | 1-352aa                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>                                                                                                                                                                       |
| <b>Molecular Mass</b>   | 43.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>AA Sequence</b>      | <p>MGNQKKIIHIDMDCFYAAIEMRDFPEYQNIPLAVGGDGPRSVLCTSNYQARQFGVRS</p> <p>AMPAIKAKQLCPHLKIVHGRMDVYKETSKNIREIFSRYTDLIEPLSLDEAYLDVTDATM</p> <p>CQGSATLIAERIRADIFNELNLTASAGIAPNKFLAKIASDENKPNGQCVITPDKVANFV</p> <p>EQLSLKKIPGIGPKTFEKLNRHGYVTCADVRSNIRALQNIVGKFANSYLKSHGVDN</p> <p>RDLEVSRQRKSLAIETTLAHDISTQDECKLVIDSLYQKLLTRLAPHSNREIIRQGVKLLK</p> <p>FTDFNQTTVETQSNECQQALFISLLSKAYSRSNKRGVRLVGLTLGFADSPGESQQLS</p> <p>LSL</p> |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                            |

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**Storage**

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution**

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%.

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