

# Recombinant Full Length Methanococcus Maripaludis Probable Cobalamin Biosynthesis Protein Cobd(Cobd) Protein, His-Tagged

**Cat. No.** RFL36196MF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |  |
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| <b>Product Overview</b> | Recombinant Full Length Methanococcus maripaludis Probable cobalamin biosynthesis protein CobD(cobD) Protein (A6VFP2) (1-306aa), fused to N-terminal His tag, was expressed in E. coli.  |
| <b>Species</b>          | Methanococcus maripaludis  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | Full Length (1-306)  |
| <b>Form</b>             | Lyophilized powder   |
| <b>AA Sequence</b>      | MTNPIYLILADFFDRYIGEPPEKIHPVVFIGKLCFFENVFKSTNSV NKTRDLLFGFLNV<br>ILVLAIVFFMTYEIEQIINSISNSYIKISIIYSIILSFSIGHKSLIEFSKAPIKFIVNNDL EGAKK<br>SVQCIVSRNTSELDKKHLSASIESASENITDSIIAPLIYAAIFGLPGAFLYRAV NTFDAM<br>IGYKSEKYQYYGKTAAYLDDILNFIPSRIAGMLLIISAPFYGGNIKSAIYGYFN EGNKTP<br>SPNSGYTMATLANSLNMELEKIGYYKLGKGEITIEKALNSLKAVDYSVLLFLII YTVLL<br>M |
| <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.  |

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| <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 |
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| <b>Reconstitution</b> | 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. |
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## GENE INFORMATION

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| <b>Gene Name</b> | cobD |
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| <b>Synonyms</b> | cobD; MmarC7_0198; Probable cobalamin biosynthesis protein CobD |
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| <b>UniProt ID</b> | <a href="#">A6VFP2</a> |
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