

Recombinant Full Length *Leptospira interrogans* Serogroup Icterohaemorrhagiae Serovar Copenhageni Cobalamin Biosynthesis Protein CobD(CobD) Protein, His-Tagged

Cat. No. RFL32975LF Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Full Length <i>Leptospira interrogans</i> serogroup Icterohaemorrhagiae serovar copenhageni Cobalamin biosynthesis protein CobD(cobD) Protein (Q75FR2) (1-315aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> . |
| Species | <i>Leptospira interrogans</i> serogroup Icterohaemorrhagiae serovar copenhageni |
| Source | <i>E. coli</i> |
| ProteinLength | Full Length (1-315) |
| Form | Lyophilized powder |
| AA Sequence | MPWGIAISILVDLILGDPKDLPHPVRAIGKLARALEKFFRNNCSSSEIAGILTSCLVYLI SFIIPFLSVQFANQLHWILGELLSIMIIYTTIAIRDMIDHSKEVYDALVQTNLPLARKKV S KIVARDTENLSESEIIRACVESTAENLVDGITTPLFYAVFGGPAWAMLYRSINTLDSLF GYKNKKYLRFGSFPARIDDLANYLPARITSYILVLSSLFLGYNFKNSLYILQRDGKKHP S PNSGLTEAAVAGALEIQLGGVNLYSGVQNIKPKLGDPKKEFQIEQILQTNKLILLSSI LT FIFYILIYSGAAYFL |
| Purity | Greater than 90% as determined by SDS-PAGE. |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |

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| Storage | 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 |
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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. |
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GENE INFORMATION

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| Gene Name | cobD |
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| Synonyms | cobD; LIC_20120; Cobalamin biosynthesis protein CobD |
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| UniProt ID | Q75FR2 |
|-------------------|------------------------|

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