Recombinant Full Length Cobalamin Biosynthesis Protein Cobd(Cobd) Protein, His-Tagged

Cat. No. RFL13350CF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Cobalamin biosynthesis protein CobD(cobD) Protein (Q8XLK2) (1-315aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Clostridium perfringens
Source	E.coli
ProteinLength	Full Length (1-315)
Form	Lyophilized powder
AA Sequence	MIKIIIGYVLDLIIGDPNNPYHPIRYIGKLASNMEKLWRKVFKKNLKIAGFFAWLFIVFI T FGVTLGIVHIANKINPILGTVVSGILIYFCISAKGLKVEGLKVIKILKEGDIVKARKQL SYI VGRDTENLDEEAIVRAVVETVAENMSDGIIAPLFFAGIGGAPLAFLYKAVNTCDSMF GYKNEKYKDFGFFSAKLDDVFNYIPARLTAYLIVISSFILRLNCKNIFKIYKRDRYNHSS PNSAHPEAAVAGALGIRLGGANYYFGKLVEKPTIGDAKKKIEISDVYKTNNILGMVSFL G MVVALIIRCILEVII
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.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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	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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	cobD
Synonyms	cobD; CPE1039; Cobalamin biosynthesis protein CobD
UniProt ID	Q8XLK2

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