

Recombinant Full Length *Silicibacter* Sp. Cobalamin Biosynthesis Protein Cobd(Cobd) Protein, His-Tagged

Cat. No. RFL16170RF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Silicibacter</i> sp. Cobalamin biosynthesis protein CobD(cobD) Protein (Q1GDE9) (1-303aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Ruegeria</i> sp.
Source	<i>E. coli</i>
ProteinLength	Full Length (1-303)
Form	Lyophilized powder
AA Sequence	MSTAALLIPAMILDAAFGEPKWLWSRLPHPAVLMGKLVQALDDRLNEGDGRQVKGV IAVA VLVFVGLLLGWILSWFGSLVSVLIAAILIAQRSLIDHVRAVATGLQNDLDAGRSA VAMIV SRDTATMTGPQIARSAIESGAENFSDGVIAPAFWFLVAGLPGLLIYKLINTADS MIGYRT EAYEDFGWAAARLDDVLNILPARLSALLIALVTGRAGDWGEISADARKHRS PNAGWPEAA MARALGVALAGPRSYDGEMRPFVWNASGSKSASAHSITRCCEVL WKSWG LALV LVALG LLF
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 multiple 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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION**Gene Name**

cobD

Synonyms

cobD; TM1040_2585; Cobalamin biosynthesis protein CobD

UniProt ID

[Q1GDE9](#)

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