

Cat. No. RFL27489KF Lot. No. (See product label)

Product Overview

Recombinant Full Length *Kosmotoga olearia* Cobalamin synthase(cobS) Protein (C5CE71) (1-231aa), fused to N-terminal His tag, was expressed in *E. coli*.

Kosmotoga olearia

E.coli

Full Length (1-231)

Lyophilized powder

MWNDMKLAIAFLSRVPVPLKQNKGNLKKICAYFTFVGYLAVGYFYSMKLISENFLWT
LLS VALGFYLFDFHFDGLDLTDGFFYQGTKERRFEIMSKGDIGPFAFFYAALYIVA
YLYAF LHVDPIDLIYVAVLGRFSMNILLHFGKPAKNTGLGKLLHPYEKKHTLISLVFTIP
LVYFP LNYIISLSIALLLGSSMHFITNRKIEGYTGDVLGATCMFSOLSIMVALSLI

Greater than 90% as determined by SDS-PAGE.

Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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

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.

GENE INFORMATION**Gene Name**

cobS

Synonyms

cobS; Kole_0456; Adenosylcobinamide-GDP ribazoletransferase; Cobalamin synthase; Cobalamin-5'-phosphate synthase

UniProt ID[C5CE71](#)

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