

Recombinant Full Length Gracilaria Tenuistipitata Var. Liui Atp Synthase Subunit B', Chloroplastic(Atpg) Protein, His-Tagged

Cat. No. RFL11885GF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Gracilaria tenuistipitata var. liui ATP synthase subunit b', chloroplastic(atpG) Protein (Q6B8R1) (1-158aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Gracilaria tenuistipitata var. liui (Red alga)
Source	E.coli
ProteinLength	Full Length (1-158)
Form	Lyophilized powder
AA Sequence	MIVFPFLLFQMLSTEVEGGLFDFNATLPLMALQFIILTILNFIFYKPVTNVLDERDEYI RNSLTASASLVKADELTKTYEQQLAESRKKQAQDIKVAQEQAQQIVSVKIKDAQAYG EK LVSEAFHQLSIQKEDALKTLEMQVDTLSDLIKSKLLND
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 repeated freeze-thaw cycles.

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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 atpG

Synonyms atpF2; atpG; Grc000143; ATP synthase subunit b', chloroplastic; ATP synthase F(0 sector subunit b'; ATPase subunit II

UniProt ID [Q6B8R1](#)

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