

Recombinant Full Length Rhodobacter Sphaeroides Reaction Center Protein M Chain(Pufm) Protein, His-Tagged

Cat. No. RFL28172RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rhodobacter sphaeroides Reaction center protein M chain(pufM) Protein (Q3J1A6) (2-308aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rhodobacter Sphaeroides
Source	E.coli
ProteinLength	Full Length of Mature Protein (2-308)
Form	Lyophilized powder
AA Sequence	AEYQNIFSQVQVRGPADLGMTEDVNLANRSGVGPFFSTLLGWFGNAQLGPIYLGSLG VLSL FSGLMWFFTIGIWFYQAGWNPVFLRDLFFFSLEPPAPEYGLSFAAPLKEG GLWLIASF FMFVAVWSWWGRTYLRAQALGMGKHTAWAFLSAIWLWMVLGFIRPIL MGSWSEAVPYGIF SHLDWTNNFSLVHGNLFYNPFHGLSIAFLYGSALLFAMHGATIL AVSRFGGERELEQIAD RGTA AERAALFWRWTMGFNATMEGIHRWAIWMAVLVTLT GGIGILLSGTVVDNWYVWGQN HGMAPLN
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.
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	pufM
Synonyms	pufM; RHOS4_18600; RSP_0256; Reaction center protein M chain; Photosynthetic reaction center M subunit
UniProt ID	Q3J1A6