

## Recombinant Full Length *Physcomitrella Patens* Subsp. *Patens* Cytochrome B6(Petb) Protein, His-Tagged

Cat. No. RFL35786PF Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Full Length <i>Physcomitrella patens</i> subsp. <i>patens</i> Cytochrome b6(petB) Protein (Q6YXN2) (1-215aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .  |
| <b>Species</b>          | <i>Physcomitrella patens</i> subsp. <i>patens</i> (Moss)  |
| <b>Source</b>           | <i>E. coli</i>  |
| <b>ProteinLength</b>    | Full Length (1-215)   |
| <b>Form</b>             | Lyophilized powder  |
| <b>AA Sequence</b>      | MGRVYDWFEEERLEIQAIADDITSKYVPPHVNIIFYCLGGITLTCFLVQVATGFAMTFYY<br>RP TVTEAFASVQYIMTEVNFVWGLIRSVHRWSASMMVLMMILHIFRVYLTGGFKKPR<br>ELTWVT GVILAVLTVSFGVTGYSLPWDQIGYWAVKIVTGVPEAIPVIGSPLVEILRGS<br>VSVGQSTL TRFYSLHTFVLPLLTAVFMLMHFLMIRKQGIGSPL |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.   |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.  |

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| <b>Storage Buffer</b> | 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**

petB

**Synonyms**

petB; Cytochrome b6

**UniProt ID**[Q6YXN2](#)

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