

# Recombinant Full Length *Oryza Sativa* Subsp. Japonica Phosphoenolpyruvate/Phosphate Translocator 2, Chloroplastic(Ppt2) Protein, His-Tagged

Cat. No. RFL33947OF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length <i>Oryza sativa</i> subsp. japonica Phosphoenolpyruvate/phosphate translocator 2, chloroplastic(PPT2) Protein (Q84QU8) (52-407aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
<b>Species</b>	Rice
<b>Source</b>	<i>E. coli</i>
<b>ProteinLength</b>	Full Length of Mature Protein (52-407)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	AVAARSLGRLLLLPPPPPISPDRAGRGRARHVACGAAAGDAKAEESGLAKTLQL GALF GLWYLFNIYFNIYNKQVLKVPYPINITTQFAVGTVVALFMWITGILRRPKISG AQLFA ILPLAVVHTMGNLFTNMSLGKVAVSFTHTIKAMEPFFSVLLSAIFLGELPTVW VILSLLP IVGGVALASLTEASFNWAGFWSAMASNVTFQSRNVLSKKLMVKKEESLDN INLFSIITVM SFFLLAPVAFLTEGIKITPTVLQSAGLNKQVLTRSLLAALCFHAYQQVS YMILARVSPV THSVGNCVKRVVVIVTSVLFFRTPVSPINSLGTAIALAGVFLYSQKRL KPKPKAA
<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

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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.

**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**

PPT2

**Synonyms**

PPT2; Os08g0344600; LOC\_Os08g25624; OJ1119\_B10.35; P0410E11.104; Phosphoenolpyruvate/phosphate translocator 2, chloroplastic; OsPPT2

**UniProt ID**

[Q84QU8](#)

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