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

Product Overview	Recombinant Full Length Oryza sativa subsp. japonica Phosphoenolpyruvate/phosphate translocator 2, chloroplastic(PPT2) Protein (Q84QU8) (52-407aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rice
Source	E.coli
ProteinLength	Full Length of Mature Protein (52-407)
Form	Lyophilized powder
AA Sequence	AVAARSLGRLLLLPPPPPISPDRAGRGRARHVACGAAAGDAKAEEEESGLAKTLQL GALF GLWYLFNIYFNIYNKQVLKVFPYPINITTVQFAVGTVVALFMWITGILRRPKISG AQLFA ILPLAVVHTMGNLFTNMSLGKVAVSFTHTIKAMEPFFSVLLSAIFLGELPTVW VILSLLP IVGGVALASLTEASFNWAGFWSAMASNVTFQSRNVLSKKLMVKKEESLDN INLFSIITVM SFFLLAPVAFLTEGIKITPTVLQSAGLNVKQVLTRSLLAALCFHAYQQVS YMILARVSPV THSVGNCVKRVVVIVTSVLFFRTPVSPINSLGTAIALAGVFLYSQLKRL KPKPKAA		**Purity**	Greater than 90% as determined by SDS-PAGE.
Notes	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℃/-80℃. 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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