

Recombinant Full Length *Oryza Sativa* Subsp. Japonica Photosystem I Reaction Center Subunit Vi, Chloroplastic(Psah) Protein, His-Tagged

Cat. No. RFL2948OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Oryza sativa</i> subsp. japonica Photosystem I reaction center subunit VI, chloroplastic(PSAH) Protein (Q0DG05) (48-142aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	Rice
Source	<i>E. coli</i>
ProteinLength	Full Length of Mature Protein (48-142)
Form	Lyophilized powder
AA Sequence	KYGEKSVYFDLEDIGNTTGQWDLYGSDAPSPYNPLQSKFFETFAGPFTKRGLLLKFL LLG GGSLVAYVSASASPDLLPIKKGPQLPPTPGPRGKI
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
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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**

PSAH

Synonyms

PSAH; GOS5; Os05g0560000; LOC_Os05g48630; OJ1115_B06.3; OsJ_018737; OsJ_19524; OSJNBa0001A14.18; Photosystem I reaction center subunit VI, chloroplastic; PSI-H; Light-harvesting complex I 11 kDa protein; Protein GOS5

UniProt ID[Q0DG05](#)

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