

Recombinant Full Length *Oryza Sativa* Subsp. Japonica Probable Polyprenol Reductase 2(Os07G0493400, Loc_Os07G31140) Protein, His-Tagged

Cat. No. RFL34971OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Oryza sativa</i> subsp. japonica Probable polyprenol reductase 2(Os07g0493400, LOC_Os07g31140) Protein (Q7F0Q2) (1-353aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	Rice
Source	<i>E. coli</i>
Protein Length	Full Length (1-353)
Form	Lyophilized powder
AA Sequence	MESEGWPALQPLLCFAWIAATLPIIAAALPIPTAVGGHLLRRLLSAFSSRGKTVRPSP AS SSGSSSSKAKFTVPQKYFMHFYVVGVLATTILLAIWFYAYMKLTPLLESSSYST IFSH LVGSNSFSFGRVRSRTMGHKYRVWRTVFALLLMEVQVLRRLYETEHVFHYSP ARMHIVGY LTGLFYVVAAPLSLASSCIPEAAEYFQGQVPEFVVKGRARMPDLVIDSS SLLQPLLKLGW TQWIGAVIFIWGSLSHQIRCHAILGSLREHKDYDEYVPCGDCFN RVS CPHYLAELVIYFG MLVASGAEDIPVWFLFIFVITNLSFAAVETYNWYLQKFEDYPRSR YAIIPFVC
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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	Os07g0493400
Synonyms	Os07g0493400; LOC_Os07g31140; OsJ_24314; P0038F10.126; Polyprenol reductase 2
UniProt ID	Q7F0Q2