

Recombinant Full Length Arabidopsis Thaliana Phytol Kinase 1, Chloroplastic(Vte5) Protein, His-Tagged

Cat. No. RFL26964AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Phytol kinase 1, chloroplastic(VTE5) Protein (Q9LZ76) (60-304aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length of Mature Protein (60-304)
Form	Lyophilized powder
AA Sequence	SAVATNSLLHDVGATVAVLGGAYALVLSFESLTKRNVIQQSLSRKLVHILSGLLFVLA WP IFSGSTEARYFAAFVPLVNGLRRLVINGLSISPNSMLIKSVTREGRAEELLKGPLFY VLAL LFSAVFFWRESPIGMISLAMMCGGDGIADIMGRKFGSTKIPYNPRKSWAGSIS MFIFGFF ISIALYYYSSLGYLHMNWETTLQRVAMVSMVATVVESLPITDQLDDNISV PLATILAAAY LSFYG
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.
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GENE INFORMATION

Gene Name	VTE5
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Synonyms	VTE5; At5g04490; T32M21_90; Phytol kinase 1, chloroplastic; Vitamin E pathway gene 5 protein
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UniProt ID	Q9LZ76
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