Recombinant Full Length Arabidopsis Thaliana 4-Hydroxybenzoate Polyprenyltransferase, Mitochondrial(Ppt1) Protein, His-Tagged

Cat. No. RFL17383AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana 4-hydroxybenzoate polyprenyltransferase, mitochondrial(PPT1) Protein (Q93YP7) (22-407aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length of Mature Protein (22-407)
Form	Lyophilized powder
AA Sequence	PSSSSALLQSQHKSLSNPVTTHYTNPFTKCYPSWNDNYQVWSKGRELHQEKFFGV GWNYR LICGMSSSSSVLEGKPKKDDKEKSDGVVVKEASWIDLYLPEEVRGYAKLA RLDKPIGTWL LAWPCMWSIALAADPGSLPSFKYMALFGCGALLLRGAGCTINDLLD QDIDTKVDRTKLRP IASGLLTPFQGIGFLGLQLLLGLGILLQLNNYSRVLGASSLLLVF SYPLMKRFTFWPQAF LGLTINWGALLGWTAVKGSIAPSIVLPLYLSGVCWTLVYDTI YAHQDKEDDVKVGVKSTA LRFGDNTKLWLTGFGTASIGFLALSGFSADLGWQYYA SLAAASGQLGWQIGTADLSSGAD CSRKFVSNKWFGAIIFSGVVLGRSFQ
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	PPT1
Synonyms	PPT1; At4g23660; F9D16.130; 4-hydroxybenzoate polyprenyltransferase, mitochondrial; 4-HB polyprenyltransferase; 4HPT; 4-hydroxybenzoate nonaprenyltransferase; Para-hydroxybenzoate--polyprenyltransferase; PHB:PPT; PHB:polyprenyltransferase; Polyprenyltrans
UniProt ID	Q93YP7

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