

Recombinant Full Length Arabidopsis Thaliana Cytochrome P450 72C1(Cyp72C1) Protein, His-Tagged

Cat. No. RFL12901AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Cytochrome P450 72C1(CYP72C1) Protein (Q9SHG5) (1-519aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-519)
Form	Lyophilized powder
AA Sequence	MLEIITVRKVFLIGFLILINWVWRAVNWVWLRPKRLEKYLKKQGFSGNSYRILMGDM RE SNQMDQVAHSLPLPLDADFLPRMMPFLHHTVLKHGKKCFTWYGPYPNVIVMDP ETLREIM SKHELFPKPKIGSHNHVFLSGLLNHEGPKWSKHSILNPAFRIDNLKSILP AFNSSCKEM LEEWERLASAKGTMELDSWTHCHDLTRNMLARASFGDSYKDGKIF EIQQEQIDLGLLAI RAVYIPGSKFLPTKFNRRRLRETERDMRAMFKAMIETKEEEIKRG RGTDKNSDLLFSMLAS NTKTIKEQGPDSGLSLDDLIDDCKAFYLAGQNVTSLSLVWT LVALSQHQDWQNKARDEIS QAFGNNEPDFEGLSHLKVVTMILHEVLRLYSPAYFTC RITKQEVKLERFSLPEGVVVTIP MLLVHHSDSLWGDDVKEFKPERFANGVAGATKG RLSFLPFSSGPRTCIGQNFSMLQAKLF LAMVLQRFVELSPSYTHAPFPAATTFPQH GAHLIIRKL
Purity	Greater than 90% as determined by SDS-PAGE.

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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.
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	CYP72C1
Synonyms	CYP72C1; CHI2; DLF; SHK1; SOB7; At1g17060; F20D23.24; Cytochrome P450 72C1; Protein CHIBI 2; Protein DWARFISH WITH LOW FERTILITY; Protein SHRINK 1; Protein SUPPRESSOR OF PHYB-4 PROTEIN 7
UniProt ID	Q9SHG5