

# Cytochrome P450 72C1 (CYP72C1), Recombinant Protein

Cat RP08613

## Species

Arabidopsis thaliana (Mouse-ear cress)

## Full Product Name

Recombinant Arabidopsis thaliana Cytochrome P450 72C1 (CYP72C1) , partial

## Product Gene Name

CYP72C1 recombinant protein

## Product Synonym Gene Name

CYP72C1

## Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

## Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

## Host

E Coli or Yeast or Baculovirus or Mammalian Cell

## Molecular Weight

59,594 Da

## Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

## Protein Family

Cytochrome

## NCBI Accession #

Q9SHG5.2

## NCBI GI #

342162524

## NCBI Official Full Name

Cytochrome P450 72C1

## UniProt Gene Name

CYP72C1

## UniProt Synonym Gene Names

CHI2; DLF; SHK1; SOB7

## UniProt Protein Name

Cytochrome P450 72C1

## UniProt Synonym Protein Names

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Protein CHIBI 2; Protein DWARFISH WITH LOW FERTILITY; Protein SHRINK 1; Protein SUPPRESSOR OF PHYB-4 PROTEIN 7

## UniProt Primary Accession #

Q9SHG5

## UniProt Comments

Atypical cytochrome P450 involved in brassinosteroids (BRs) inactivation and regulation of BRs homeostasis. Does not possess carbon 26 hydroxylase activity and may inactivate BRs by hydroxylation of carbons other than C-26. Acts in association with CYP734A1 to inactivate BRs and modulate photomorphogenesis.

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