

UDP-glycosyltransferase 71C5 (UGT71C5), Recombinant Protein

Cat RP08451

Size 0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

mg (Baculovirus)/ 1 mg (E-Coli)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Yeast)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
Species Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana UDP-glycosyltransferase 71C5 (UGT71C5)

Product Gene Name

UGT71C5 recombinant protein

Product Synonym Gene Name

UGT71C5

Purity

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

Sequence

MKTAELIFVP LPETGHLLST IEFGRLLNL DRRISMITIL SMNLPYAPHA DASLASLTAS EPGIRIISLP
EIHDPPIKL LDTSSETYIL DFIHKNIPCL RKTIQDLVSS SSSSGGGSSH VAGLILDFFC VGLIDIGREV
NLPSYIFMTS NFGFLGVLQY LPERQRLTPS EFDESSGEEE LHIPAFVNRV PAKVLPPGVF DKLSYGSLVK
IGERLHEAKG ILVNSFTQVE PYAAEHFSQG RDYPHVYPVG PVLNLTGRTN PGLASAQYKE MMKWLDEQPD
SSVFLFCFGS MGVFPAPQIT EIAHALELIG CRFIWAIRTN MAGDGDQPQP LPEGFVDRTM GRGIVCSWAP
QVDILAHKAT GGFVSHCGWN SVQESLWYGV PIATWPMYAE QQLNAFEMVK ELGLAVEIRL DYVADGDRVT
LEIVSADEIA TAVRSLMDS NPVRKKVIEK SSVARKAVGD GGSSTVATCN FIKDILGDHF

Sequence Positions

1-480, Full length protein

Format

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

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

52,646 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

UDP-glycosyltransferase

NCBI Accession

NP_172204.1

NCBI GI

15222344

NCBI GenBank Nucleotide

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Cat *RP08451*

Size 0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg
(Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

mg (Baculovirus)/ 1 mg (E-Coli)/ 0.1 mg (Mammalian-Cell)/ 1

mg (Yeast)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

NCBI GeneID

837235

NCBI Official Full Name

UDP-glucosyl transferase 71C5

NCBI Official Symbol

UGT71C5

NCBI Official Synonym Symbols

F10K1.5; F10K1_5; UDP-glucosyl transferase 71C5

NCBI Protein Information

UDP-glucosyl transferase 71C5

UniProt Gene Name

UGT71C5

UniProt Protein Name

UDP-glycosyltransferase 71C5

UniProt Primary Accession

Q9FE68

UniProt Related Accession

Q9FE68

UniProt Comments

Possesses low quercetin 3-O-glucosyltransferase activity in vitro.

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