

UDP-glycosyltransferase 72B3 (UGT72B3), Recombinant Protein

Cat RP08448

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 72B3 (UGT72B3)

Product Gene Name

UGT72B3 recombinant protein

Product Synonym Gene Name

UGT72B3

Purity

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

Sequence

MADGNTPHVA IIPSPGIGHL IPLVELAKRL LDNHGFTVTF IIPGDSPPSK AQRSVLNSLP SSIASVFLPP
ADLSDVPSTA RIETRISLTV TRSNPALREL FGSLSAEKRL PAVLVVDLFG TDAFDVAAEF HVSPYIFYAS
NANVLTFLH LPKLDDEVSC EFRELTEPVI IPGCVPTGK DFVDPCQDRK DESYKWLLHN VKRFKEAEGI
LVNSFVDLEP NTIKIVQEP PDKPPVYLIG PLVNSGSHDA DVNDEYKCLN WLDNQPFQSV LYVSFGSGGT
LTFEQFIELA LGLAESGKRF LWVIRSPSGI ASSSYFNPQS RNDPFSFLPQ GFLDRTKEKG LVVGSWAPQA
QILTHTSIGG FLTHCGWNSS LESIVNGVPL IAWPLYAEQK MNALLLVDPG AALRARLGED GVVGREEVAR
VVKGLIEGEE GNAVRKKMKE LKEGSRVLR DDGFSTKSLN EVSLKWKAHQ RKIDQEQESF L

Sequence Positions

1-481, 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

52,784 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_171649.1

NCBI GI

15223396

NCBI GenBank Nucleotide

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Cat *RP08448*

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

837503

NCBI Official Full Name

UDP-glucosyl transferase 72B3

NCBI Official Symbol

UGT72B3

NCBI Official Synonym Symbols

F6F3.22; F6F3_22; UDP-glucosyl transferase 72B3

NCBI Protein Information

UDP-glucosyl transferase 72B3

UniProt Gene Name

UGT72B3

UniProt Protein Name

UDP-glycosyltransferase 72B3

UniProt Primary Accession

Q9LNI1

UniProt Secondary Accession

Q681W3

UniProt Related Accession

Q9LNI1

UniProt Comments

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

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