

Probable beta-1,3-galactosyltransferase 1 (B3GALT1), Recombinant Protein

Cat *RP08680*

Size *0.02 mg/ 0.1 mg/ 5x0.1 mg*

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Probable beta-1,3-galactosyltransferase 1 (B3GALT1)

Product Gene Name

B3GALT1 recombinant protein

Purity

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

Sequence

MSFKNRGDYN FTPRNVVSRN SVFFMCLASF CLGMFFTNRM WNIVPEARGI SRLSKLSLSS SDCDKKNVLD
YGNNTIGILD KSISNLEMKL VAARAERESL SGKFNISNEA KKRKYFMVIG INTAFSSRKR RDSVRSTWMP
QGENLKKLEE EKGIIVRFVI GHSVLSHGIL DKAIEAEEKT HGDFLRLEHT EGYMKLSAKT KTFFATAVSL
WDAEFYIKVD DDVHVNLASL KKALSAHQNK PRVYVGCMKS GPVLARKSVK YHEPEYWKFG EVGNKYFRHA
TGQFYAISKD LATYILINQD LLHKYANEDV SLGSWFIGLN VEHVDEKRLC CSTSQDCELK AMMGHVCAAS
FDWKCSGICR SAERMADVHE RCGEPQNALW TSNS

Sequence Positions

1-384aa; full length protein

Format

Liquid containing glycerol

Host

Cell Free Expression

Molecular Weight

43,622 Da

Storage

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

Protein Family

Probable beta-1,3-galactosyltransferase

NCBI Accession

NP_172638.1

NCBI GI

15221085

NCBI GenBank Nucleotide

NM_101045.1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI GenelD

837717

NCBI Official Full Name

putative beta-1,3-galactosyltransferase 1

NCBI Official Symbol

AT1G11730

NCBI Official Synonym Symbols

F25C20.12; F25C20_12

NCBI Protein Information

putative beta-1,3-galactosyltransferase 1

UniProt Gene Name

B3GALT1

UniProt Protein Name

Probable beta-1,3-galactosyltransferase 1

UniProt Entry Name

B3GT1_ARATH

UniProt Primary Accession

Q9SAA4

UniProt Related Accession

Q9SAA4

UniProt Comments

Beta-1,3-galactosyltransferase that transfers galactose from UDP-galactose to substrates with a terminal glycosyl residue.

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