

# Recombinant Full Length Arabidopsis Thaliana Probable Beta-1,3-Galactosyltransferase 2(B3Galt2) Protein, His-Tagged

**Cat. No.** RFL29023AF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Arabidopsis thaliana Probable beta-1,3-galactosyltransferase 2(B3GALT2) Protein (A8MRC7) (1-407aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Arabidopsis thaliana                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | Full Length (1-407)                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>AA Sequence</b>      | MSAKIKGEYSSRSFVSRKWTILLCLGSFCVGMFFTNRMWNIPESKGM SHPSVTEAE<br>RLKL VSEGCNPKALYQKEVKRDPQALFGEVANTHIALQTLDKTISSELMELAAARSV<br>QESLQNG APLSDDMGKKQPQEQRFLMVVGINTAFSSRKRRDSIRATWMPQGEK<br>RKRLEEEKGIIIR FVIGHSATTGGILDRAIEAEDRKHGDFLRDLHVEGYLELSGKTKTY<br>FSTAFSMWDADFYV KVDDDVHVNIATLGETLVRHRKKPRVYIGCMKSGPVLSQKGV<br>RYHEPEYWKFGENGNKYF RHATGQLYAIRDLASYISINQHVLHKYANEDVSLGAW<br>FIGIDVKHIDDRRLCCGTPPDC EWKAQAGNICVASFDWSCSGICRSADRIKEVHRR<br>GEGEKALWSATF |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C                                                                                                                                                                                                                                                                                                                                                                         |

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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**

B3GALT2

**Synonyms**

B3GALT2; At1g05170; YUP8H12.22; Probable beta-1,3-galactosyltransferase 2

**UniProt ID**

[A8MRC7](#)

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