

Recombinant Arabidopsis thaliana MYB21 Protein (Full Length), N-GST tagged

Cat. No. MYB21-1298A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Arabidopsis thaliana MYB21 (full length) fused with the N-GST tag was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length
Form	Lyophilized powder/frozen liquid
Molecular Mass	51 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5, 0.02% sarcosyl or lyophilized from PBS, pH 7.5, 0.02% sarcosyl.

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Reconstitution Reconstitute in sterile water for a stock solution.

Shipping They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name MYB21 myb domain protein 21 [*Arabidopsis thaliana* (thale cress)]

Official Symbol MYB21

Synonyms

MYB21; myb domain protein 21; ARABIDOPSIS THALIANA MYB DOMAIN PROTEIN 3; ARABIDOPSIS THALIANA MYB DOMAIN PROTEIN 3; AT3G27812; ATMYB21; ATMYB3; myb domain protein 21; myb domain protein 21; myb domain protein 21 (MYB21); FUNCTIONS IN: DNA binding, sequence-specific DNA binding transcription factor activity; INVOLVED IN: in 6 processes; EXPRESSED IN: 10 plant structures; EXPRESSED DURING: 4 anthesis, C globular stage, petal differentiation and expansion stage; CONTAINS InterPro DOMAIN/s: SANT, DNA-binding (InterPro:IPR001005), Homeodomain-like (InterPro:IPR009057), Myb, DNA-binding (InterPro:IPR014778), Homeodomain-related (InterPro:IPR012287), HTH transcriptional regulator, Myb-type, DNA-binding (InterPro:IPR017930), Myb transcription factor (InterPro:IPR015495); BEST *Arabidopsis thaliana* protein match is: myb domain protein 24 (TAIR:AT5G40350.1)

Gene ID 822401

mRNA Refseq NM_113696

Protein Refseq NP_189418

UniProt ID Q9LK95

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