

Recombinant Full Length Arabidopsis Thaliana Putative Udp-Glucuronate:Xylan Alpha-Glucuronosyltransferase 5(Gux5) Protein, His-Tagged

Cat. No. RFL16443AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Putative UDP-glucuronate:xylan alpha-glucuronosyltransferase 5(GUX5) Protein (F4HZC3) (1-566aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-566)
Form	Lyophilized powder
AA Sequence	MGA KSKSSSTRFFMFYLILISLSFLGLLLNFKPLFLLNPMIASPSIVEIRYSLPEPVKRT PIWLRRLIRNYLPDEKKIRVGLLNIAENERESYEASGTSILENVHVSLDPLPNNLTWTSL F PVWIDEDHTWHIPSCPEVPLPKMEGSEADVDV V V V V K V P C D G F S E K R G L R D V F R L QVN LAA ANLVVESGRRNVDR TVYVVF IGSCGPMHEIFRCDERVKRVGDYWVYRPD LTRLKQKLLMP PGSCQIAPLGQGEAWIQDKNRNLTSEKTTLS SFTAQRVAYVTLLHS SEVYVCGAIALAQS IRQSGSTKDMILLHDDSITNISLIGLSLAGWKLRRVERIRSPFSK KRSYNEWNYSKLRVW QVTDYDKLVFIDADFIIVKNIDYLF SYPQLSAAGNNKVL FNS GVMVLEPSACLFEDMLK SFKIGSYNGGDQGF LNEYFVWWHRLSKRLNTMKYFGD ESRHDKARNLPENLEGIHYLGLK PWRCYRDYDCNWDLKTRRVYASESVHARWWK VYDKMPKKLKG YCGLNLKMEKNVEKWRKM AKLNGFPENHWKIRIKDPRKKNRLSQ

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Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C 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	GUX5
Synonyms	GUX5; PGSIP5; At1g08990; F7G19.14; Putative UDP-glucuronate:xylan alpha-glucuronosyltransferase 5; UDP-GlcA:xylan glucuronyltransferase 5; Glycogenin-like protein 5; Plant glycogenin-like starch initiation protein 5; Protein GLUCURONIC ACID SUBSTITUTION O
UniProt ID	F4HZC3