

Recombinant Full Length Arabidopsis Thaliana Putative Udp-Glucuronate:Xylan Alpha-Glucuronosyltransferase 3(Gux3) Protein, His-Tagged

Cat. No. RFL26295AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Putative UDP-glucuronate:xylan alpha-glucuronosyltransferase 3(GUX3) Protein (Q8W4A7) (1-618aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-618)
Form	Lyophilized powder
AA Sequence	MIPSSSPMESRHRLSFSNEKTSRRRFQRIEKGVKFNTLKLVLICIMLGALFTIYRFRYP P LQIPEIPTSFGLTTDPYVATAEINWNHMSNLVEKHVFGRSEYQGIGLINLNDNEID RFK EVTKSDCDHVALHLDYAAKNITWESLYPEWIDEVEEFVPTCPSLPLIQIPGKPR IDLVI AKLPCKDKSGKWSRDVARLHLQLAAARVAASSKGLHNVHVILVSDCFPIPNLFT GQELVAR QGNIWLYKPNLHQLRQKLQLPVGSCELSVPLQAKDNFYSGAKKEAYA TILHSAQFYVCG AIAAAQSIRMSGSTRDLVILVDETISEYHKSGLVAAAGWKIQMFQRI RNPNAVPNAYNEWN YSKFRLWQLTEYSKIIFIDADMLILRNIDFLFEFPEISATGNNAT LFNSGLMVVEPSNST FQLMDNINEVVSYNGGDQGYLNEIFTWWHRIPKHMNFKH FWEGDEPEIKMKTSLFGA DPPILYVLHYLGYNKPWLCFRDYDCNWNVDIFQEFAS DEAHKTWWRVHDAMPENLHKFCL LRSKQKAQLEWDRRQAEKGNKYKDGHWKIKIK

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	DKRLKTCFEDFCFWESMLWHWGETNSTNN SSTTTTSSPPHK TALPSL
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	GUX3
Synonyms	GUX3; PGSIP2; At1g77130; T14N5.1; Putative UDP-glucuronate:xylan alpha-glucuronosyltransferase 3; UDP-GlcA:xylan glucuronyltransferase 3; Glycogenin-like protein 3; Plant glycogenin-like starch initiation protein 2; Protein GLUCURONIC ACID SUBSTITUTION OF
UniProt ID	Q8W4A7