

Recombinant Full Length Arabidopsis Thaliana Udp-Glucuronate:Xylan Alpha-Glucuronosyltransferase 2(Gux2) Protein, His-Tagged

Cat. No. RFL7214AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana UDP-glucuronate:xylan alpha-glucuronosyltransferase 2(GUX2) Protein (Q8GWW4) (1-596aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-596)
Form	Lyophilized powder
AA Sequence	MTIMTMIMKMAPSKSALIRFNLVLLGFSFLLYTAIFFHPSSSVYFSSGASFVGCSFRD CT PKVVRGVKMQELVEENEINKKDLLTASNQTKLEAPSFMEIILTRGLGKTKIGMVN MEECD LTNWKRYGETVHIHFERSKLFKWQDLFPEWIDEEETEVTCPPEIPMPDF ESLEKLDLV VVKLPCNYPEEGWRREVLRLQVNLVAANLAAKKGKTDWRWWSKVLF WSKCQPMIEIFRCD DLEKREADWWLYRPEVVRLQQRSLPVGSCNLALPLWAPQG VDKVYDLTKIEAETKRPKR EAYVTVLHSSSESYVCGAITLAQSLQTNTKRDLILLHDD SISITKLRLAAGWKLRRIRIRNPLAEKDSYNEYNYSKFRLWQLTDYDKVIFIDADII VLRNLDLLFHFPQMSATGNDV WIYNSGIMVIEPSNCTFTTIMSQRSEIVSYNGGDQG YLNEIFVWWHRLPRRVNLFKNFWS NNTKERNIKNNLFAAEPQVYAVHYLGWKPW LCYRDYDCNYDVDEQLVYASDAAHVRWWK VHDSMDDALQKFCRLTKKRTEINW

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	ERRKARLRGSTDYHWKINVTDP RRRRSYLIG
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	GUX2
Synonyms	GUX2; PGSIP3; At4g33330/At4g33340; F17M5.90/F17M5.100; UDP-glucuronate:xylan alpha-glucuronosyltransferase 2; UDP-GlcA:xylan glucuronyltransferase 2; Glycogenin-like protein 2; Plant glycogenin-like starch initiation protein 3; Protein GLUCURONIC ACID SUB
UniProt ID	Q8GWW4