

Recombinant Full Length Arabidopsis Thaliana Udp-Glucuronate:Xylan Alpha-Glucuronosyltransferase 1(Gux1) Protein, His-Tagged

Cat. No. RFL6584AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana UDP-glucuronate:xylan alpha-glucuronosyltransferase 1(GUX1) Protein (Q9LSB1) (1-659aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-659)
Form	Lyophilized powder
AA Sequence	MANSPAAPAPTTTTGGDSRRRLSASIEAICKRRFRNRNSKGGGRSDMVKPFNIINFST QDK NSSCCCFKTFQIVKLLLFILLSATLFTIISPEAYHHSLSHSSSRWIWRRQDPY FSDLD INWDDVTKTLENIEEGRTIGVLNFDNSNEIQRWREVSKSKDNGDEEKVVVLNL DYADKNVT WDALYPEWIDEEQETEVPCPNIPNIKVPTRRLDLIVVKLPCRKEGNWS RDVGRHLHLQA AATVAASAKGFFRGHVFFVSRCPFIPNLFRCKDLVSRRGDVWLYK PNLDTLRDKLQLPVG SCELSPGLIQDRPSLGNPKREAYATILHSAHVYVCGAIAAA QSIRQSGSTRDLVILVDD NISGYHRSGLEAAGWQIRTIQIRINPKAEKDAYNEWNYS KFRLWQLTDYDKIIFIDADLL ILRNIDFLFSMPEISATGNNGTLFNSGVMVIEPCNCTF QLLMEHINEIESYNGGDQGYLN EVFTWWHRIPKHMNFKHFWIGDEDDAKRKKTEL FGAEPVLYVLHYLGMKPWLCYRDYD CNFNSDIFVEFATDIAHRKWWWVHDAMPQ

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	ELHQFCYLRSKQKAQLEYDRRQAEAANYADG HWKIRVKDPRFKICIDKLCNWKSML RHWGESNWTDYESFVPTPPAITVDRRSSLPGHNL
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	GUX1
Synonyms	GUX1; PGSIP1; At3g18660; MVE11.2; UDP-glucuronate:xylan alpha-glucuronosyltransferase 1; UDP-GlcA:xylan glucuronyltransferase 1; Glycogenin-like protein 1; Plant glycogenin-like starch initiation protein 1; Protein GLUCURONIC ACID SUBSTITUTION OF XYLAN 1;
UniProt ID	Q9LSB1

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