

Product Datasheet

UGT72E2 Protein, *Arabidopsis thaliana*, Recombinant (Baculovirus, His & Myc) (orb1979798)

Description	Involved in the O-glucosylation of monolignols (alcohol monomers of lignin). Glucosylates coniferyl alcohol to form coniferyl alcohol 4-O-glucoside. Glucosylates sinapyl alcohol to form sinapyl alcohol 4-O-glucoside. Glucosylates coniferyl aldehyde to form coniferyl aldehyde 4-O-glucoside. Glucosylates sinapyl aldehyde to form sinapyl aldehyde 4-O-glucoside. Possesses low activity with sinapate and ferulate as substrates. UGT72E2 Protein, <i>Arabidopsis thaliana</i> , Recombinant (Baculovirus, His & Myc) is expressed in Baculovirus insect cells with N-10xHis and C-Myc tag. The predicted molecular weight is 56.9 kDa and the accession number is Q9LVR1.
Storage	-20°C
Tag	N-10xHis, C-Myc
Note	For research use only
Application notes	Reconstitute the lyophilized protein in sterile deionized water. The product concentration should not be less than 100 µg/mL. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.
Protein Sequence	MHITKPHAAMFSSPGMGHVIPVIELGKRLSANNGFHVTVFVLETDAASAQSKFLNSTGVDIV KLPSPDIYGLVDPDDHVVTKIGVIMRAAVPALRSKIAAMHQKPTALIVDLFGTDALCLAKEFN MLS YVFIPTNARFLGVS IYYPNLDKDIKEHTVQRNPLAIPGCEPVRFEDTLDAYLVPDEPVYR DFVRHGLAYPKADGILVNTWEEMEPKSLKSLNPKLLGRVARVPVYPIGPLCRPIQSSETDHP VLDWLNEQPNESVLYISFGSGGCLSAKQLTELAWGLEQSQQRFWVVRPPVDGSCCSEYV SANGGGTEDNTPEYLPEGFVSRTSDRGFVVP SWAPQAEILSHRAVG GFLTHCGWSSTLES VVGGVPMIAWPLFAEQNMNAALLSDELGIAVRLDDPKEDISRWKIEALVRKVMTEKEGEAM RRKVKKL RDSAEMSLSIDGGGLAHESLCRVTK ECQRFLERVVDLSRGA
Purity	98.00%
MW	56.9 kDa (predicted)

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Uniprot ID

Q9LVR1

Expiration Date

6 months from date of receipt.

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