

UDP-Glucuronic Acid Decarboxylase (Atuxs3)

Product Information

Cat#	DIA-896
Descriptions	UDP-glucuronic acid decarboxylase (Atuxs3) from Arabidopsis thaliana catalyzes the decarboxylation of UDP-glucuronic acid to produce UDP-xylose, is a core enzyme in the plant nucleotide sugar interconversion pathway, and supports xylan and hemicellulose biosynthesis research.
Applications	UDP-glucuronic acid decarboxylase (Atuxs3) is suitable for UDP-xylose synthesis detection kits and plant hemicellulose biosynthesis assay reagent development.
CAS No.	41-1-35
Enzyme Commission Number	EC 4.1.1.35
Enzyme Source	E.coli recombinant Atuxs3 from Arabidopsis thaliana.
Reaction	UDP-GlcA = UDP-xylose
Activity Definition	One unit is defined as the amount of enzyme that catalyzes the formation of UDP-xylose from 1 Mumol UDP-GlcA per minute at 37°C.