

Recombinant Full Length Arabidopsis Thaliana Udp-Glucuronate 4-Epimerase 1(Gae1) Protein, His-Tagged

Cat. No. RFL27159AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana UDP-glucuronate 4-epimerase 1(GAE1) Protein (Q9M0B6) (1-429aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-429)
Form	Lyophilized powder
AA Sequence	MPSIEDELFSTPGKFKIDRSNRQLHRCFASTSTMFLWALFLIALTASYLSFQSFVDS GS RYLTASWGGIQWEKQVRTSAQIHRSGGISVLVTGATGFVGSHVSLALRKRGDG VVGLDNF NNYYDPSLKRARRSLSSRGIFVVEGDLNDAKLLAKLFDVVAFTHVMHLA AQAGVRYALE NPQSYVHSNIAGLVNLEICKAANPQPAIVWASSSSVYGLNEKVPFS ESDRTDQPASLYA ATKKAGEEITHTYNHIYGLAITGLRFFTVYGPWGRPDMAYFSFT RNILQGKPITIYRGKN RVDLARDFTYIDDIVKGCLGSLDSSGKSTGSGGKKRGAAPY RIFNLGNTSPVTPILVDI LEKHLKVKAKRNFVEMPGNGDVPFTHANISSARNEFGYK PTTDLETGLKKFVRWYLSYYG YNTKAKLVH
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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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

GAE1

Synonyms

GAE1; UGlcAE3; At4g30440; F17I23.220; UDP-glucuronate 4-epimerase 1; UDP-glucuronic acid epimerase 1; AtUGlcAE3

UniProt ID

[Q9M0B6](#)

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