

Recombinant Full Length Arabidopsis Thaliana Protein Disulfide-Isomerase Lqy1(Lqy1) Protein, His-Tagged

Cat. No. RFL10969AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Protein disulfide-isomerase LQY1(LQY1) Protein (Q8GSJ6) (44-154aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length of Mature Protein (44-154)
Form	Lyophilized powder
AA Sequence	AELDPNTVVAISVGVASVALGIGIPVFYETQIDNAAKRENTQPCFPCNGTGAQKCRLC VG SGNVTVELGGGEKEVSNCINCDGAGSLTCTTCQGSQVQPRYLDRREFKDDD
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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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** LQY1**Synonyms**

LQY1; At1g75690; F10A5.12; F10A5.4; Protein disulfide-isomerase LQY1, chloroplastic; Protein LOW QUANTUM YIELD OF PHOTOSYSTEM II 1

UniProt ID[Q8GSJ6](#) Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA