

Recombinant Full Length Arabidopsis Thaliana Putative Delta(7)-Sterol-C5(6)-Desaturase 2(Hdf7) Protein, His-Tagged

Cat. No. RFL25088AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Putative Delta(7)-sterol-C5(6)-desaturase 2(HDF7) Protein (Q9M883) (1-279aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-279)
Form	Lyophilized powder
AA Sequence	MAATMADYNDQIVNETSFYNRMVLSHLLPVNLWEPLPHFLQTWLRNYLAGNILYFIS GFL WCFYIYYLKLNVYVPKESIPTRKAMLLQIYVAMKAMPWYTLLPAVSEYMIIEHG TKCYST LDHFNWFLCFLYIALYLVLVEFMIYWVHKELHDIKFLYKHLHATHHMYNKQ NTLSPFAGL AFHPLDGILQAIPHVIALFIVPIHLITHLSLLFLEGIWTASIHDCIHGNIWPI MGAGYHT IHHTTYKHNYGHYTIWMDWMFGSLMVPLAEKDSFKEKEK
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

 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

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

HDF7

Synonyms

HDF7; At3g02590; F16B3.22; Putative Delta(7-sterol-C5(6-desaturase 2; Delta(7-sterol-C5-desaturase 2; Delta-7-C-5 sterol desaturase 2; Homolog of DWF7 protein

UniProt ID

[Q9M883](#)

 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