

Recombinant Full Length Arabidopsis Thaliana Cytochrome B5 Isoform 1(At5G53560) Protein, His-Tagged

Cat. No. RFL25603AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Cytochrome b5 isoform 1(At5g53560) Protein (Q42342) (1-134aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-134)
Form	Lyophilized powder
AA Sequence	MSSDRKVLSEFEVSKHNKTKDCWLIISGKVYDVTPFMDDHPGGDEVLLSSTGKDAT NDFE DVGHSdTARDMMDKYFIGEIDSSSVPATRTYVAPQQPAYNQDKTPEFIKILQ FLVPILI LGLALVVRHYTKKD
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

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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** CYTB5-E**Synonyms**

CYTB5-E; B5-A; CB5-A; CB5-E; At5g53560; MNC6.10; Cytochrome b5 isoform E; AtCb5-E; Cytochrome b5 isoform 1; Cytochrome b5 isoform A; AtCb5-A

UniProt ID[Q42342](#) 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