

Recombinant Full Length Arabidopsis Thaliana Abc Transporter B Family Member 29, Chloroplastic(Abcb29) Protein, His-Tagged

Cat. No. RFL22743AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana ABC transporter B family member 29, chloroplastic(ABCB29) Protein (Q9LZB8) (52-634aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length of Mature Protein (52-634)
Form	Lyophilized powder
AA Sequence	ANTTVNSLKALETIKPYLQSESKTVLLGWLCSCVSVVSLSQIVPRLGSFTSNLNANAA SL TKLKGECLVLAGLVLAQVAYYLQQAFLWEAALNTVYKIRVFAYRRVLERELEFF EGGNG ISSGDIAYRITAEASEVADTIYALLNTVPSAIQISVMTAHMIVASPALTLVSA MVIPSV ALLIAYLGDRRLRKISRKAQIASAQLSTYLNELPAILFVKANNAEISESVRFQR FARADL DERFKKKMKSLIPQIVQVMYLGSLSFVCGAVILAGSSLSSSAIVSFVASLA FLIDPVQ DLGKAYNELKQGEPAIERLFDLTSLESKVIERPEAIQLEKVAGEVELCDISF KYDENMLP VLDGLNLHIKAGETVALVGPSGGGKTTLIKLLRLYEPSSGSIIDKIDIKDI KLESLRK HVGLVSQDTTLFSGTIADNIGYRDLTTGIDMKRVELAAKTANADEFIRNLP EGYNTGVGP RGSSLSGGQKQRLAIARALYQKSSILILDEATSALDSLSELLVREALER VMQDHTVIVIA HRLETVMMAQRVFLVERGKLKELNRSSLLSTHKDSLTSAGLVI

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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
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	ABCB29
Synonyms	ABCB29; ATH12; At5g03910; F8F6.120; ABC transporter B family member 29, chloroplastic; ABC transporter ABCB.29; AtABCB29; ABC2 homolog 12
UniProt ID	Q9LZB8