

Recombinant Full Length Arabidopsis Thaliana Abc Transporter G Family Member 1(Abcg1) Protein, His-Tagged

Cat. No. RFL28702AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana ABC transporter G family member 1(ABCG1) Protein (O80946) (1-740aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-740)
Form	Lyophilized powder
AA Sequence	MARIVAANDDDSMELNTISSIH DSTLGQLLKNVSDVRKMAIGDETPVHESLNQDYND GYM RTVPFVLSFDNLTYNVSVRPKLD FRNLFP RRRTEDPEIAQTARPKTKLLNNIS GETRDG EIMAVLGASGSGKSTLIDALANRIAKGSLKGT VKLNGETLQSRMLKVISAY VMQDDLLFP MLTVEETLMFAAEFRLPRSLPKSKKKLRVQALIDQLGIRNAAKTIIGDE GHRGISGGERR RV SIGIDIHDPILLFLDEPTSGLDSTSAFMVVKVLKRIAQSGSIVIMS IHQPSHRVLGL LDRLIFLSRGHTVYSGSPASLPRFFTEFGSPIPENENRTEFALDLIRE LEGSAGGTRGLI EFNKKWQEMKKQSNRQPPLTPPSSYPNLTKEAIAASISRGKLV SGGESVAHGGATTNT TTLAVPAFANPMWIEIKTLSKRSM LNRRQPELFGIRIASVVI TGFILATVFWRLDNSPK GVQERLGFFAFAMSTM FYTCADALPVFLQERYIFMRETAY NAYRRSSYVLSHAIVSFPSL IFLSVAFAATTYWAVGLDGGLTGLLFYCLIILASFWSG SSFVTFLSGVVPSVMLGYTIVV AILAYFLLFSGFFINRN RIPDYWIWFHYMSLVKYPY

 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

EAVLQNEFSDATKCFVRGVQIFDN TPLGELPEVMKLKLLGTVSKSLGVTISSTTCLTT
GSDILRQQGVVQLSKWNCLFITVAFG FFFRILFYFTLLLGSKNKRR

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 ABCG1

Synonyms ABCG1; WBC1; At2g39350; T16B24.1; ABC transporter G family member 1; ABC transporter ABCG.1; AtABCG1; White-brown complex homolog protein 1; AtWBC1

UniProt ID [O80946](#)

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