

# 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**

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MARIVAANDDDSMELNTISSIH DSTLGQLLKNVSDVRKMAIGDETPVHESLNQDYND
GYM RTVPFVLSFDNLTYNVSVRPKLD FRNLFP RRRTEDPEIAQTARPKTKLLNNIS
GETRDG EIMAVLGASGSGKSTLIDALANRIAKGSLKGTVKLNGETLQSRMLKVISAY
VMQDDLLFP MLTVEETLMFAAEFRLPRSLPKSKKLRVQALIDQLGIRNAAKTIIGDE
GHRGISGGERR RVSIGIDIHDPILLFLDEPTSGLDSTSAFMVVKVLKRIAQSGSIVIMS
IHQPSHRVLGL LDRLIFLSRGHTVYSGSPASLPRFFTEFGSPIPENENRTEFALDLIRE
LEGSAGGTRGLI EFNKKWQEMKKQSNRQPPLTPPSSYPNLTKEAIAASISRGKLV
SGGESVAHGGATTNT TTLAVPAFANPMWIEIKTL SKRSMLNSRRQPELFGIRIASVVI
TGFILATVFWRLDNSPK GVQERLGF FAFAMSTM FYTCADALPVFLQERYIFMRETAY
NAYRRSSVYL SHAIVSFPSL IFLSVAFAATTYWAVGLDGGTLGLLFYCLIILASFWSG
SSFVTFLSGVVPSVMLGYTIVV AILAYFLLFSGFFINRN RIPDYWIWFHYMSLVKYPY
```

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EAVLQNEFSDATKCFVRGVQIFDN TPLGELPEVMKLLKLLGTVSKSLGVTISSTTCLTT  
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](https://www.uniprot.org/entry/O80946)

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