

Recombinant Full Length Arabidopsis Thaliana Abc Transporter G Family Member 10(Abcg10) Protein, His-Tagged

Cat. No. RFL16558AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Arabidopsis thaliana ABC transporter G family member 10(ABCG10) Protein (Q9MAH4) (1-590aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Arabidopsis thaliana

Source

E.coli

ProteinLength

Full Length (1-590)

Form

Lyophilized powder

AA Sequence

MELPVKAPIPGGREISYRLETKNLSYRIGGNTPKFSNLCGLLSEKEEKVILKDVSCDA
RS AEITAIAGPSGAGKTTLLLEILAGKVSHGKVSGQVLVNGRPMDGPEYRRVSGFVP
QEDALF PFLTQETLTYSALLRLKTKRKDAAAKVKRLIQELGLEHVADSRIGQGSRS
GISGGERRR VSIGVELVHDPNVILIDEPTSGLDSASALQVVTLLKDMTIKQGKTIVLTI
HQPGRILEQ IDRIVLLSNGMVVQNGSVYSLHQKIKFSGHQIPRRVNVLEYAIDIAGS
LEPIRTQSCREI SCYGHSKTKWVSCYISAGGELHQSDSHSNSVLEEVLQILGQRSCCKNI
FRTKQLFTTRALQAS IAGLILGSIYLVNNGNKKKEAKVLRTGFFAFILTFLLSSTTEGLPI
FLQDRRILMRETSRR AYRVLSYVLADTLIFIPFLLIISMLFATPVYWLVLGLRRELDGFL
YFSLVIWIVLLMSNSF VACFSALVPNFIMGTSVISGLMGSSFFLFSGYFIAKDRIPIVYWE
FMHYLSLFKYPFECLMI NEYRGDVFLKQQDLKESQKWSNLGIMASFIVGYRVLGFFI
LWYRCYRTRS

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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	ABCG10
Synonyms	ABCG10; WBC10; At1g53270; F12M16.17; ABC transporter G family member 10; ABC transporter ABCG.10; AtABCG10; Probable white-brown complex homolog protein 10; AtWBC10
UniProt ID	Q9MAH4

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