

Recombinant Full Length Arabidopsis Thaliana Abc Transporter G Family Member 12(Abcg12) Protein, His-Tagged

Cat. No. RFL6152AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana ABC transporter G family member 12(ABCG12) Protein (Q9C8K2) (1-687aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-687)
Form	Lyophilized powder
AA Sequence	MELESTSNRRPPPPAEIGRGAYLAWEDLTVVIPNFSGGPTRRLDGLNGHAEPGRIMAI MGPSGSGKSTLLDSLALAGRLARNVIMTGNLLNGKKARLDYGLVAYVTQEDILMGTLTVRE TITYSAHLRLSSDLTKEEVNDIVEGTIIEGLQDCADRVIGNWHSRGVSGGERKRVSVAL EILTRPQILFLDEPTSGLDASAFFVIQALRNIARDGGRTVVSSIHQPSSEVFALFDDLF LLSSGETVYFGESKFAVEFFAEAGFPCPKKRNP SDHFLRCINSDFDTV TATLKGSQRIRE TPATSDPLMNLATSEIKARLVENYRRSVYAKSAKSRIRELASIEGH HGMEVRKGSEATWF KQLRTLTKRSFVNMC RDIGYYWSRIVYIVVSFCVGTIFYDVG HSYTSILARVSCGGFIT GFMTFMSIGGFPSFIEEMKV FYKERLSGYYGVSVYIISNYV SSFPFLVAIALITGSITYN MVKFRPGVSHWAFFCLNIFFSVSVIESLMMVVASLVPNFL MGLITGAGIIGIIMMTSGFF RLLPDLPKVFWRYPI SFMSYGSWAIQ GAYKNDFL GLEF DPMFAGEPKMTGEQVINKIFGV QVTHSKWWDLSAIVLILVCYRILFFIVLKLKERAEP

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	ALKAIQAKRTMKSLKKRPSFKKVP SLSSLSSRRHQPLHSLSSQEGLTSPIN
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	ABCG12
Synonyms	ABCG12; CER5; D3; WBC12; At1g51500; F5D21.6; ABC transporter G family member 12; ABC transporter ABCG.12; AtABCG12; Protein ECERIFERUM 5; White-brown complex homolog protein 12; AtWBC12
UniProt ID	Q9C8K2

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