

Recombinant Full Length Arabidopsis Thaliana Abc Transporter G Family Member 22(Abcg22) Protein, His-Tagged

Cat. No. RFL12176AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana ABC transporter G family member 22(ABCG22) Protein (Q93YS4) (1-751aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-751)
Form	Lyophilized powder
AA Sequence	MSMEKPPLASGLARTRSEQLYETVAADIRSPHGSM DANGVPATAPAAVGGGGTLS RKSSR RLMGMSPGRSSGAGTHIRKSRSAQLKLEEEVSSGAALSRASSASLGLSFS FTGFAMPPE EISDSKPFSDDEMIPEDIEAGKKKPKFQAEPTLPIFLKFRDVTYKVVKK LTSSVEKEIL TGISGSVNPGEVLALMGPSGSGKTTLLSLLAGRISQSSTGGSVTYND KPYSKYLKSKIGF VTQDDVLFPHLTVKETLTYAARLRLPKLTREQKKQRALDVIQEL GLERCQDTMIGGAFV RGVSGGERKRVSGNEIINPSLLLLDEPTSGLDSTTALRTILM LHDIAEAGKTVITTIH QPSSRLFHRFDKLILLGRGSLLYFGKSSEALDYFSSIGCSPLIA MNP AEFLLDLANGNIN DISVPELDDR VQVGNSGRETQTGKPSPAAVHEYLVEAYE TRVAEQEKKKLLDPVPLDEE AKAKSTR LKRQWGTCWWEQYCILFCRGLKERRHEY FSWLRVTQVLSTAVILGLLWWQSDI RTPMGLQDQAGLLFFIAVFWGFFPVFTAIFAF PQERAMLNKERAADMYRLSAYFLARTTS DLPLDFILPSLFLLVVYFMTGLRISPYPPF

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LSMLTVFLCIAAQGLGLAIGAILMDLKKA TTLASVTVMTFMLAGGFFVKKVPVFISWI
RYLSFNYHTYKLLLKVQYQDFAVSINGMRID NGLTEVAALVVMIFGYRLLAYLSLRQ
MKIVT

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 ABCG22

Synonyms ABCG22; WBC23; At5g06530; F15M7.6; ABC transporter G family member 22; ABC transporter ABCG.22; AtABCG22; White-brown complex homolog protein 23; AtWBC23

UniProt ID [Q93YS4](#)

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