

Recombinant Full Length Arabidopsis Thaliana Abc Transporter G Family Member 14(Abcg14) Protein, His-Tagged

Cat. No. RFL8329AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana ABC transporter G family member 14(ABCG14) Protein (Q9C6W5) (1-648aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-648)
Form	Lyophilized powder
AA Sequence	MPQNCIAPRPEEDGGVMVQGLPDMSDTQSKSVLAFPTITSQPGLQMSMYPITLKFE EVVY KVKIEQTSQCMGSWKSKEKTILNGITGMVCPGEFLAMLGPSGSGKTTLLSAL GGRLSKTF SGKVMYNGQPFSGCIKRRTGFVAQDDVLYPHLTVWETLFFTALLRLPS SLTRDEKAEHVD RVIAELGLNRCTNSMIGGPLFRGISGGEKKRVSIGQEMLINPSLLL LDEPTSGLDSTTAH RIVTTIKRLASGGRTVVTTHQPSSRIYHMFDKVVLLSEGSPIYY GAASSAVEYFSSLGF STSLTVNPADLLLDLANGIPPDTQKETSESEQEKTVKETLVSA YEKNISTKLKAELCNAES HSYEYTKAAAKNLKSEQWCTTWWYQFTVLLQRGVRER RFESFNKLRIQVISVAFLGGLL WWHTPKSHIQDRTALLFFFSVFWGFFLYNAVFT FPQEKRMILIKERSSGMYRLSSYFMAR NVGDLPLELALPTAFVFIIYWMGGLKPDPTT FILSLLVLYSVLVAQGLGLAFGALLMNI KQATTLASVTTLVFLIAGGYVQQIPPFIV WLKYLSYSYYCYKLLGIQYTDDDYYECSK GVWCRVGDFPAIKSMGLNNLWIDVFV

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	MGVMLVGYRLMAYMALHRVKLR
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	ABCG14
Synonyms	ABCG14; INT211; WBC14; At1g31770; F27M3.2; F5M6.22; ABC transporter G family member 14; ABC transporter ABCG.14; AtABCG14; Protein INSENSITIVE TO TEMPERATURE 211; White-brown complex homolog protein 14; AtWBC14
UniProt ID	Q9C6W5

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