

Recombinant Full Length Arabidopsis Thaliana Abc Transporter G Family Member 9(Abcg9) Protein, His-Tagged

Cat. No. RFL8269AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana ABC transporter G family member 9(ABCG9) Protein (Q9SZR9) (1-638aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-638)
Form	Lyophilized powder
AA Sequence	MDNQEVSMDVETPIAKTNDDRSLPFSIFKKANNPVTLKFENLVYTVKLKDSQGCFCGK NDK TEERTILKGLTGIVKPGEILAMLGPGSGSKTSLLTALGGRVGEKGKLTGNISYN NKPLS KAVKRTTGFTVQDDALYPNLTVTETLVFTALLRLPNSFKKQEKIKQAKAVMT ELGLDRCK DTIIGGPFLRGVSGGERKRVSIGQEILINPSLLFLDEPTSGLDSTTAQRIV SILWELARG GRTVVTTIHQPSSRLFYMFDKLLLLSEGNPVYFGLGSNAMDYFASVG YSPLVERINPSDF LLDIANGVGSDESQRPEAMKAALVAFYKTNLLDSVINEVKGQDD LCNKPRESSRVATNTY GDWPTTWWQQFCVLLKRGLKQRRHDSFSGMKVAQIFIVS FLCGLLWWQTKISRLQDQIGL LFFISSFWAFFPLFQQIFTFPQERAMLQKERSSGMY RLSPYFLSRVVGDLPMELIPTCF LVITYWMAGLNHNLANFFVTLLVLLVHVLVSGGL GLALGALVMDQKSATTLGSMVIMLTFL LAGGYVQHPVPFISWIKYVSIGYYTYKLLILG QYTANELYPCGDNGKLRCHVGDFEGIK HIGFNSGLVSALALTAMLVVYRVIAYIALTR

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	IGKTKSG
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	ABCG9
Synonyms	ABCG9; WBC9; At4g27420; F27G19.20; ABC transporter G family member 9; ABC transporter ABCG.9; AtABCG9; Probable white-brown complex homolog protein 9; AtWBC9
UniProt ID	Q9SZR9

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