

Recombinant Full Length Arabidopsis Thaliana Abc Transporter B Family Member 23, Mitochondrial(Abcb23) Protein, His-Tagged

Cat. No. RFL36059AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana ABC transporter B family member 23, mitochondrial(ABCB23) Protein (Q9FUT3) (71-678aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (71-678)
Form	Lyophilized powder
AA Sequence	NQDQTKTASSKKILRTISSYLWMKDNPELRFVIAALACLIGAKFLNVQVPFLFKLSID L LSSYSSSTITDSNPYLLAAFATPSSVLIGYGIARSGSSAFNELRTAVFSKVSLRTIRS VS RKVLSHLHDLRLRYHLNRETGALNRIIDRGSRaintilsamvfnvvptileismvtgi LA YNFGPVFALITSLVGSYIAFTLVVTQYRTKFRKAMNQADNDASTRAIDSLVNYET VKYF NNEDYEARKYDDLGRYEDAAALQTQKSLAFLDFGQSFIFSTALSTSMVLCSSQ GIMNGEMT VGDLVMVNGLLFQLSLPLYFLGGVYRETVQGLVDMKSLFQLLEERSDI GDKDTETKLPL VLRGGSISFENVHFSYLPERKILDGISFEVPAGKSVAIVGSSSGSGK STILRMIFRFFDTD SGNVRIDGQDIKEVTLESLRSCIGVVPQDTVLFNDTIFHNIHYGN LSATEEEVYDAARRA VIHDTIMKFPDKYSTAVGERGLMLSGGEKQRVALARAFLKS PAILLCDEATNALDSKTEA EIMKTFRSLASNRTCIFIAHRLTTAMQCDEIIVMEKGKVV

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	EKGTHQVLLEKSGRYAKLWT QQNSTLEV
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	ABCB23
Synonyms	ABCB23; ATM1; STA2; At4g28630; T5F17.80; ABC transporter B family member 23, mitochondrial; ABC transporter ABCB.23; AtABCB23; ABC transporter of the mitochondrion 1; AtATM1; Iron-sulfur clusters transporter ATM1; Protein STARIK 2
UniProt ID	Q9FUT3

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