

Recombinant Full Length Arabidopsis Thaliana Abc Transporter B Family Member 25, Mitochondrial(Abcb25) Protein, His-Tagged

Cat. No. RFL1331AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana ABC transporter B family member 25, mitochondrial(ABCB25) Protein (Q9LVM1) (98-728aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length of Mature Protein (98-728)
Form	Lyophilized powder
AA Sequence	DQTTTKTKEIKTTSSDSAMADMKILRTLGYLWMRDNPEFRFRVIAALGFLVGAK VLN VQVPFLFKLAVDWLASATGTGASLTTF AATNPTLLTVFATPAAVLIGYGIARTGS SAFNE LRTAVFSKVALRTIRSVSRKVFSHLHDLRLYHLSRETGGLNRIIDRGSRAIN FILSAMV FNVVPTILEISMVSGILAYKFGAAFAWITSLSVGSYIVFTLAVTQWRTKFRK AMNKADND ASTRADSLINYETVKYFNNEGYEAEKYDQFLKKYEDAALQTQRSLAFL NFGQSIIFSTA LSTAMVLCSQGIMNGQMTVGDLVMVNGLLFQLSLPLNFLGGSVYRET IQLVDMKSMFQLL EEKSDITNTSDAKPLVLKGGNIEFENVHFSYLP ERKILDGISFVV PAGKSVAIVGTSGSG KSTILRMLFRFFDTDSGNIRIDGQDIKEVRLDSL RSSIGVVPQ DTVLFNDTIFHNIHYGR LSATEEEVYEAARRAAIHETISNFPDKYSTIVGERGLKLSG GEKQRVALARTFLKSPAIL LCDEATSALDSTTEAEILNALKALASNRTSIFIAHRLTTA

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	MQCDEIVVLENGKVVEQGPH DELLGKSGRYAQLWTQQNSSVDMLDAAIKLE
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	ABCB25
Synonyms	ABCB25; ATM3; STA1; At5g58270; MCK7.14; ABC transporter B family member 25, mitochondrial; ABC transporter ABCB.25; AtABCB25; ABC transporter of the mitochondrion 3; AtATM3; Iron-sulfur clusters transporter ATM3; Protein STARIK 1
UniProt ID	Q9LVM1