

# Recombinant Full Length Dictyostelium Discoideum Abc Transporter D Family Member 2(Abcd2) Protein, His-Tagged

Cat. No. RFL1925DF Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Recombinant Full Length Dictyostelium discoideum ABC transporter D family member 2(abcD2) Protein (Q8T8P3) (1-741aa), fused to N-terminal His tag, was expressed in E. coli.

**Species** Dictyostelium Discoideum

**Source** E.coli

**ProteinLength** Full Length (1-741)

**Form** Lyophilized powder

**AA Sequence**

```
MEANFVSSALAGVQNNRSVKRSLDRLKSLFSSGQHQLNGSLGKKVFILLALGGGAF
SLVK FYKAKNEGSSKQSGLIIDLKDKNSKKDKKRNVTVDVAVFFRRLAKIIRIVIPSLK
SKEFL SLLYL TALLFARTMLSVSIAEIAAGKNAQNLVARKWKEMRNGVLKFALVSIPAS
FVNASK YETDMLALFRKRLSEYVHKEYLEGVNFYKASHLGGADRIDNADQRVTS
DIEQFCNSMSS LYTTLFKPFLDLVLFTRKLVVVMGWGSPLLMFSYFIVSGFLKKLIMP
PFGRLTAKQSELE GNYRTVHQRLITNAEEIAFYDGSRKERQIINLSFGDIYNHTGYVS
YLKCLVGIFDGFLVK YCASIVGYGCMVLPIYTGIRGSSGKDSTELTKDYIRNTQLMVA
LSQAIGQLVLLGNKVTL MAGYTSRVSELLEMIKSIKERGTSQFTIVHEDDVPNPLTNS
PVNDKYDTSVDMSSWLEDW RKRSDQTRIVKRQQSNRSSASGATTVYGGGTFVEG
DFIKFENVSVISPEGKLLVENLDFQ VMPNQNVMITGPNNGSGKSSLFRI LGELWPLHC
GTVIKPRKEDILFVPQKPYLVLGTLRDQ IYPHSHDDMKKLGVTDDDLQHLLATVDPN
```

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LTIIHQWNWDDTKDWFTALSGGQKQRIAMA RLFYHRPQYAILDECTSAVSDEVEGKI  
YETCKKLGITLFTVSHRPQLRAYHDYVLLFNDR GGWEWSKIDHDDDHLKKPLSH

**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 multiple 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** abcD2

**Synonyms** abcD2; DDB\_G0293194; ABC transporter D family member 2; ABC transporter ABCD.2

**UniProt ID** [Q8T8P3](#)

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