

# Recombinant Full Length Dictyostelium Discoideum Abc Transporter G Family Member 1(Abcg1) Protein, His-Tagged

Cat. No. RFL8471DF Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Recombinant Full Length Dictyostelium discoideum ABC transporter G family member 1(abcG1) Protein (Q55DW4) (1-793aa), fused to N-terminal His tag, was expressed in E. coli.

**Species** Dictyostelium Discoideum

**Source** E.coli

**ProteinLength** Full Length (1-793)

**Form** Lyophilized powder

**AA Sequence**

```
MDSNNNNNNENEAFSGASESSEFRKIVEENENEREFEQSNPSPPEYSNYENKDDGI
NLET INPNISLDNNNNNNQNNQNNQNNNNNNNNQNNNIINLNKKNKRSTFKNRI
DFSFKDIN HYVQITEKGKKKKISKQILTNINGHIESGTIFAIMGPSGAGKTTLLDILAHR
LNINGSMT MYLNGNKSDFNIFKKLCGYVTQSDSLMPSLTVRETLNFYAQLKMPRDV
PLKEKLQRVQDI IDEMGLNRCADTLVGTADNKIRGISGGERRRVTISIELLTGPSVILL
DEPTSGLDASTSF YVMSALKKLAKSGRTIICTIHQPRSNIYDMFDNLLLLGDGNTIYY
GKANKALEYFNANGY HCSEKTNPADFFLDLINTQVEDQADSDDDDYNDDEEEEIGGG
GGGSGGGAGGIEDIGISIS PTMNGSAVDNIKNNELKQQQQQQQQQQQSTDGRARR
RIKKLTKEEMVILKKEYPNSEQGL RVNETLDNISKENRTDFKYEKTRGPNFLTQFSL
LGREVTNAKRHPMAFKVNLQAIFQG LLCGIVYYQLGLGQSSVQSRTGVVAFIIMGV
SFPAVMSTIHVFPDVITIFLKDRASGVYD TLPFFLAKSFMDACIAVLLPMVTATIVYWM
```

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA

TNQRVDPFYSAAPFFRFVLMVLASQTCLS LGVLISSVPNVQVGTAVAPLIVLFFLF  
 SGFFINLNDVPGWLWFPYISFFRYMIEAAV INAFKDVHFTCTDSQKIGGVCPVQYG  
 NNVIENMGYDIDHFWRNVWILVLYIIGFRVLTFL VLKLKSRNKFKQE

**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** abcG1

**Synonyms** abcG1; DDB\_G0269214; ABC transporter G family member 1; ABC transporter ABCG.1

**UniProt ID** [Q55DW4](https://www.uniprot.org/entry/Q55DW4)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA