

Recombinant Full Length Dictyostelium Discoideum Abc Transporter B Family Member 4(AbcB4) Protein, His-Tagged

Cat. No. RFL26679DF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Dictyostelium discoideum ABC transporter B family member 4(abcB4) Protein (Q54W24) (1-767aa), fused to N-terminal His tag, was expressed in E. coli.

Species Dictyostelium Discoideum

Source E.coli

ProteinLength Full Length (1-767)

Form Lyophilized powder

AA Sequence

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MNSLLRCCLIKPINIKNTTSFINKLNPKSIIQKSNNYNNINKNILNKFKDSSSNYFINSN K
ILEICNNNNNNNKYNVNKRNYSSSSNSGNNNNNNYNNKNNNNNNNESFYKKFENSFE
IKR IKDILFIIVGTFVIFKIYDNKIGIVFCENEIDKETILNDPYDKIPNEIIVELKDSAKDDN I
IEESDEDDGIKKISSFKLFFKTIGNDIWLFVGFIIITAFFSSWVGLQIPKVFVGLIDCTK N
GDSLQGPQAIQAIQAGLNFLYSTMISVACERY SARLRSTLFGAMLEQEIGFFDQN
STGDLINRLSSDVQLVRSALKHSVSLGVKSFQIVGGVISLILISPKLSLGMMTILPTM
V SVGTFYAGWLKSLSVRSQRAQAQSTIVAEAAIGNIRTVQAFSNQHYESERFIEKNQ
HSLA LSTESGVQIGIFQGVTSALNSVLLVYWYGGTLVSRGEMTGGQLTSFIIHTM
NMQSSFS QLSILFTQIMSAMGGMQRITELINRVPLINSNQGFKLRELKGEIKFINVDFK
YPTRPHVH VLNGLNLTLPKQVVALAGSSGGGKSTIAGLLERFYDISNGDITIDGYSI
KQLNAKWLR S RIGIVSQEPSLFATTILENLR YGNPNATEDEIIEAAKLANAHQFISNFP
    
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KGYETIVGERG VQLSGGQKQRIAIARAILKNPQIIILDEATSALDSQSELLVQTALDNL
 MKGRITTLVIAHR LSTVQNADLIGVLSHGKIAEFGNHNELMNHKGLYYKLVQRQLSQ
 QQQ

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 abcB4

Synonyms abcB4; DDB_G0279915; ABC transporter B family member 4; ABC transporter ABCB.4

UniProt ID [Q54W24](https://www.uniprot.org/entry/Q54W24)

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