

Recombinant Full Length Dictyostelium Discoideum Abc Transporter G Family Member 12(Abcg12) Protein, His-Tagged

Cat. No. RFL23688DF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Dictyostelium discoideum ABC transporter G family member 12(abcG12) Protein (Q8T685) (1-638aa), fused to N-terminal His tag, was expressed in E. coli.

Species Dictyostelium Discoideum

Source E.coli

ProteinLength Full Length (1-638)

Form Lyophilized powder

AA Sequence

MELQTI PNNISLANGDSKGVQLTFKNIVYKVDNKKYKLVKKQEAKKKNDTESSTG
 DMN TGVSTTIEKELTILNNVSGVIEKGELVALMGPSGSGKSTLLDILAQRKSTGKITG
 QLLVN GKEIGEAYKKYCSYVTQEDVLLQTSTVFETLKFYADLKLPGVSEIEKIKRVEQI
 IEDIGL TKRTHSKIGGVLPGGILMKGLSGGEKRRVSIGCGLVTNPSLIFLDEPTSGLDS
 VAALQIM KTLNLT LKGVTVICSIHQPRPEIFALFNKVMV I IKGKMIYSGSNILEYFESL
 GYPCPNN TNPADFCLDSAVEIGEGERYTEICNQWQKIWENELLNEIEYPPVNVEKP
 KTASWGYQYWI LLGRTWKDFLRNQG N FVARVGTAVVTGLLFGVCFAGLKETEADV
 QKILGTIFFLITGLNL TPFAVISLFLSGRTL FNAERASKIYHSFPYMMAMVTVETLIVFLV
 ALINAAICYLFAHLR WTAGHFFF AIMVYFFVHLLSDFMISTIANLTGTSDMTFAYGSGL
 SVIYMLFAGFYVPTNE LPKSFGWLHWVNPLFY SFVSLV V NQFEDLPLECTRPNIPVG
 NSTIQIPCQFSNGNQVIEY YGIDDWTRGSSFGVVVAWTVFFFWTSYLALHFLNKEKR

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|-----------------------|---|
| 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

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|-------------------|---|
| Gene Name | abcG12 |
| Synonyms | abcG12; DDB_G0274115; ABC transporter G family member 12; ABC transporter ABCG.12 |
| UniProt ID | Q8T685 |

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