

Recombinant Full Length Dictyostelium Discoideum Abc Transporter G Family Member 4(Abcg4) Protein, His-Tagged

Cat. No. RFL15313DF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Dictyostelium discoideum ABC transporter G family member 4(abcG4) Protein (Q8T689) (1-798aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Dictyostelium Discoideum
Source	E.coli
ProteinLength	Full Length (1-798)
Form	Lyophilized powder
AA Sequence	MEDIGNNNFEIIDDKSDEKNDENFEDKNSRNNINEEQILSNQQQQQQQQQQQQQQQ QQQQQ QQQQQQQQQQQQEQQQQFKNEVINTLHPKQPNNEYSLSLSLSPQTPQINL SEKLISDNSNL NSNSNNNNKDIESGIQTKIKNIENRRNSINSDSSTGFNNEITNGRSN DNEIININNNVGV QVTFENICYKVLNKKYNEQKKIKKLESGKIDIEDIESQVNKLPIIDRII EKELTILSNVS GIVEKGEMVALMGPSGSGKSTLLDILANRKSTGTITGKILVNGKEIGE AYKMFCSTYVTQE EVFLETSTVYETLKFHADLRPLDMDTEKDIRIKQVLKDVGLDRK LNSKIGGILPGGMIV KGLSGGEKKRVSIGCALVTNPSLLFLDEPTSGLDLSLSLKVMK VLLELTCKMKGVTVVCSV HQPRPEIFYLFSNIMVVLKGRMVYSGSNILEYLSSIDSNYK CPPQMNPADFILDVCDEIV NNPSQYSTTVDTWEKYWKHEIQPTISNDPINIDIPKRVG FIYQYWVCQKRSYQS FVRNRV VFFSKIVAILIGLLFSACFGTVGYDGLDQNEAQSVS ALFFFIITSLNLLPYSSISTFVS IRTLFNSERASKIYHPFPYFIGSMLIEIVSSFFVVLITITII

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YCIVHLRWSFEAYILSLI SFYMVFLASVFMVIAMSNIAGTVDLTFSYCTGVSVVLVLFSGFLVPINSLPDSFGWIHHI DYLFYGFSSIVIIQYRDFEFQCPQPPICLYSNGNNLIEFLGLKNWEYNKSIGILTIIWIA FFYILAYIGLYKFNKEKR

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 abcG4

Synonyms abcG4; DDB_G0289657; ABC transporter G family member 4; ABC transporter ABCG.4

UniProt ID [Q8T689](#)

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