

Recombinant Full Length Rat Atp-Binding Cassette Sub-Family B Member 7, Mitochondrial(Abc7) Protein, Tag-Free

Cat. No. RFL31907RF Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Rat ATP-binding cassette sub-family B member 7, mitochondrial(Abc7) Protein (Q704E8) (1-752aa) was expressed in E. coli.

Species

Rat

Source

E.coli

ProteinLength

Full Length (1-752)

Form

Lyophilized powder

AA Sequence

MALLAIHSWRWAAA AVAFEKHKHSAVLTRSLV SICGSLRWSSYQSGASGSARLSQ
 TTESLRNSTQQRWEKNN SRQLLDASKVLQAWPLIEKRTCWHGHAGGGLHTDPKEG
 LKDVDTRKIIKAMLSYVWPKDRPDLRARVAISLGFLGGAKAMNIVVPMFKYAVDSL N
 QMSGNMLNLS DAPNTVATMATAVLIGYGVSRAGAAFFNEVRNAVFGKVAQNSIRRI
 AKNVFLHLHNL DLGFHL SRQTGALSKAIDRGTRGISFVLSALVFNLLPIVFEMTLVSSV
 LYYKCGAQFALVTLGLGAYTAFTVAVTRWRTRFRIEMNKADNDAGNAAIDSLN YE
 TVKYFNNEKYE AQRYDGF LKTYETASLKSTSTLAMLNFGQSAIFSVGLTAIMVLASQ
 GIVAGALTVGDLVMVNGLLFQLSLPLNFLGTVYRETRQALIDMNTLFTLLKVDTRIKDK
 AMASPLQITPQTATVAFDNVHFEYIEGQKVLSGVSFEVPAGKKVAIVGGSGSGKSTIV
 RLLFRFYEPQKGS IYLAGQNIQDVSLESLRRAVGVVPQDAVLFHNTIYYNLLYGNINA
 SPEEVYAVAKLAGLHDAILRMPHGYDTQVGERGLKLSGGGEKQRVAIARAILKDPPVIL
 YDEATSSLDSITEETILGAMRDVVKHRTSIFIAHRLSTVVD ADEIIVLSQGKVAERGTH

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

Email: info@creative-biomart.com Fax: 1-631-938-8127

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

YGLLANSSSIYSEMWHTQSTRIQNHDNLGWDAKKESLSKEEERKKLQEEIVNSVKG
 CGNCSC Note: The complete sequence including tag sequence, target protein sequence and linker sequence could be provided upon request.

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 Abcb7

Synonyms Abcb7ATP-binding cassette sub-family B member 7; mitochondrial; ATP-binding cassette transporter 7; ABC transporter 7 protein

UniProt ID [Q704E8](https://www.uniprot.org/entry/Q704E8)

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