

Recombinant Full Length Mouse Atp-Binding Cassette Sub-Family B Member 7, Mitochondrial(Abc7) Protein, His-Tagged

Cat. No. RFL31708MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse ATP-binding cassette sub-family B member 7, mitochondrial(Abc7) Protein (Q61102) (1-752aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length (1-752)
Form	Lyophilized powder
AA Sequence	MALLAIHSWRWAAAAVAFEKHKHSAVLTRALVSMCGSGPRWSSSQRGASGSARLS QTTE LRNTTQQRWGKDNSRQLLDATKALQTWPLIEKRTCWHGHAGGGLHTDPK EGLKDVDTRKI IKAMLSYVWPEDRPDLRARVAISLGFLGGAKAMNIVVPFMFKYAVD SLNQMSGNMLNLS D APNTVATMATAVLIGYGVS RAGAAFFNEVRNAVFGKVAQNSI RRIAKNVFLHLHNLDLGF HLSRQTGALSKAIDRGTRGISFVLSALVFNLLPIVFEMML VSSVLYYKCGAQFALVTLGT LGAYTAFTVAVTRWRTRFRIEMNKADNDAGNAAIDS LLNYETVKYFNNEKYE A QRYDGFL KTYETASLKSTSTLAMLNFGQNAIFSVGLTAIM VLASQGIVAGALT VGD LVMVNGLLFQL SLPLNFLGTVYRETRQALIDMNTLFTLLKVD TRIKDKVMAPPLQITPQTATVAFDNVHFE YIEGQKVLNGVSFEVPAGKKVAIVGGSG SGKSTIVRLLFRFYEPQKGS IYLAGQNLQDVS LESLRRAVGVVPQDAVLFHNTIYYN LLYGNINASPEEVYAVAKLAGLHDAILRMPHGYDT QVGERGLKLSGGEKQRVAIARA

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ILKNPPVILYDEATSSLDSITEETILGAMRDVVKHRTS IFIAHRLSTVVDADEIIVLSQ GK
VAERGTHYGLLANSSSIYSEMWHTQSNRVQNQDSL GW DAKKESLSKEEERKKLQE
EIVNSVKGCGNCSC

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 Abcb7

Synonyms Abcb7; Abc7; Iron-sulfur clusters transporter ABCB7, mitochondrial; ATP-binding cassette sub-family B member 7, mitochondrial; ATP-binding cassette transporter 7; ABC transporter 7 protein

UniProt ID [Q61102](https://www.uniprot.org/entry/Q61102)

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