

# 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

<b>Product Overview</b>	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.
<b>Species</b>	Mus musculus
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length (1-752)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	<p>MALLAIHSWRWAAA AVAFEKHKHSAVLTRALVSMCGSGPRWSSSQRGASGSARLS            QTTE LRNTTQQRWKGKDNSRQLLDATKALQTWPLIEKRTCWHGHAGGGLHTDPK            EGLKDVDTRKI IKAMLSYVWPEDRPDLRARVAISLGFLGGAKAMNIVVPMFKYAVD            SLNQMSGNMLNLSD APNTVATMATAVLIGYGVSRAGAAFFNEVRNAVFGKVAQNSI            RRIAKNVFLHLHNLDLGF HLSRQTGALSKAIDRGRGISFVLSALVFNLLPIVFEMML            VSSVLYYKCGAQFALVTLGT LGAYTAFTVAVTRWRTRFRIEMNKADNDAGNAAIDS            LLNYETVKYFNNEKYE AQR YDGFL KTYETASLKSTSTLAMLNFGQNAIFSVGLTAIM            VLASQGIVAGALT VGDLMVNGLLFQL SLPLNFLGT VYRETRQALIDMNTLFTLLKVD            TRIKDKVMAPPLQITPQTATVAFDNVHFE YIEGQKVLNGV SFVPAGKKVAIVGGSG            SGKSTIVRLLFRFYEPQKGS IYLAGQNLQDVS LESLRAVGVVPQDAVLFHNTIYYN            LLYGNINASPEEVYAVAKLAGLHDAILRMPHGYDT QVGERGLKLSGGEKQRVAIARA</p>

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ILKNPPVILYDEATSSLDSITEETILGAMRDVVKHRTS IFIAHRLSTVVDADEIIVLSQ GK  
 VAERGTHYGLLANSSSIYSEMWH TQSNRVQNQDSL 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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