

# Recombinant Full Length Mouse Atp-Binding Cassette Sub-Family D Member 1(Abcd1) Protein, His-Tagged

Cat. No. RFL-21360MF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Mouse ATP-binding cassette sub-family D member 1(Abcd1) Protein (P48410) (1-736aa), 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 (1-736)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	MPVLSTPRPSRVTTLKRTAVVLALTAYGVHKEYPLVRQCLTPARGPQVPAGEPTQEA SGA TATKAGMNRVFLQRLALLRLLFPRVLCRETGLLALHSAALVSRTFLSVYVARL DGRLAR CIVRKDPRAFWSQLLQWLLIALPATFINSAIRYLEGQLALSFRSRLVAHAYG LYFSQQTY YRVSNMDGRLRNPDQSLTEDVVAFAASVAHLYSNLTKPLLDVAVTSYT LLRAARSRGAGT AWPSAIAGLVVFLTANVLRVAFSPKFGELVAEEARRKGELRYMHS RVVANSEEIAFYGGHE VELALLQHSYQDLASQINLILLERLWYVMLEQFLMKYVWSA SGLLMVAVPIITATGYAES DSEAMKKALEMKEEELVSE RTEAFTIARNLLTAAADAT ERIMSSYKEVTELAGYTARVY EMFQVFEDVKHCRFKRTGDLEEAQAGPGVMVQSG VHVEGPLKIQQQVVDVEQGIICENIP IITPTGEVVASLNIRVEEGMHLLITGPNCGCK SSLFRILGGLWPTYSGVLYKPPPQRMF YIPQRPYMSVGSRLRDQVIYPDSAEDMRRK GCSEQQLEAILGIVHLRHILQREGGWEAVCD WKDVLSGGEKQRIGMARMFYHRPK

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YALLDECTSAV SIDVEGKIFQAAKDAGIALLSITHR PSLWKYHTHLLQFDGEGGWKF  
 EKLDSAARLSL TEEKQRLEQQLAGIPKMQGRLQELRQIL GEAAAPVQPLVPGVPT

**Purity** Greater than 90% as determined by SDS-PAGE.

**Applications** 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** Abcd1

**Synonyms** Abcd1; Ald; Aldgh; ATP-binding cassette sub-family D member 1; Adrenoleukodystrophy protein; ALDP

**UniProt ID** [P48410](https://www.uniprot.org/entry/P48410)

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