

# Recombinant Full Length Mouse Atp-Binding Cassette Sub-Family D Member 2(Abcd2) Protein, His-Tagged

Cat. No. RFL15678MF Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Recombinant Full Length Mouse ATP-binding cassette sub-family D member 2(Abcd2) Protein (Q61285) (1-741aa), fused to N-terminal His tag, was expressed in E. coli.

**Species** Mus musculus

**Source** E.coli

**ProteinLength** Full Length (1-741)

**Form** Lyophilized powder

**AA Sequence**

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MIHMLNAAAYRVKWTRSGAAKRAACLVAAYALKTLPIIGKRLKQPGHRKAKAEAY
SPA ENREILHCTEIIICKKPAPGLNAAFFKQLELRKILFPKLVTTETGWLCLHSVALISR
TFL SIYVAGLDGKIVKSIVEKKPRTFIIKLIKWLMIAPATFVNSAIRYLECKLALAFRTRL
V DHAYETYFANQTYKVINMDGRLANPDQSLTEDIMMFSQSVAHLYSNLTKPILDVIL
TSY TLIRTATSRGASPIGPTLLAGLVVYATAKVLKACSPKFGSLVAEEAHRKGYLRVY
HSRII ANVEEIAFYRGHKVEMKQLQKCYKALAYQMNLILSKRLWYIMIEQFLMKYVW
SSCGLIMV APIITATGFADGDLEDGPKQAMVSDRTEAFTTARNLLASGADAIERIMS
SYKEITELAG YTARVYNMFWVFDEVKRGYKRTVTQEPENHSKRGGNLELPLSDTL
AIKGTVIDVDHGII CENVPIITPAGEVVASRLNFKVEEGMHLLITGPNCGKSSLFRIIS
GLWPVYEGVLYKPP PQHMFYIPQRPYMSLGLSLRDQVIYPDSADDMREKGYTDQDL
ERILHSVHLYHIVQREGGW DAVMDWKDVLSGGEKQRMGMARMFYHKPKYALLDE
    
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Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

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

CTSAV SIDVEGKIFQAAIGAGISLL SITHRPSLWKYHHTLLQFDGEGGWRFELDTAI  
 RLTLSEEKQKLESQLAGIPKMQRLNE LCKILGEDSVLKTITQTPKTS

**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** Abcd2

**Synonyms** Abcd2; Aldr; ATP-binding cassette sub-family D member 2; Adrenoleukodystrophy-related protein

**UniProt ID** [Q61285](https://www.uniprot.org/entry/Q61285)

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