

# Recombinant Full Length Mouse Atp-Binding Cassette Sub-Family D Member 4(Abcd4) Protein, His-Tagged

Cat. No. RFL-15437MF Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Recombinant Full Length Mouse ATP-binding cassette sub-family D member 4(Abcd4) Protein (O89016) (1-606aa), fused to N-terminal His tag, was expressed in E. coli.

**Species** Mus musculus

**Source** E.coli

**ProteinLength** Full Length (1-606)

**Form** Lyophilized powder

**AA Sequence**

MAVPGPTARAGARPRDLQLVQRFVRIQKVFFPSWSSQNVLMFMTLLCVTLLEQLVI  
 YQV GLIPSQYYGVLGNKDLGFKALLLAVTLIVLNSTLKSFDQFTCNLLYVSWRKDL  
 TEHLH HLYFRARVYYTLNVLRDDIDNPDQRISQDVERFCRQLSSVTSKLIISPFTLT  
 YTYQCFQ STGWLGPVSIFGYFIVGTMVNKTLMGPIVTKLVQQEKLEGDFRFKHM  
 QI RVNAEPAAFYR AGLVEHMRTDRRLQRLQTQRELMRELWLYIGINTFDYLG  
 SILSY VVIAIPFSGVYGD LSPTELSTLVSKNAFVCIYLISCFTQLIDLSTT  
 LSDVAGYTHRIGEL QEALLDMSRKSQD CEALGESEWDLDKTPGCPTTEPS  
 DTAFLDRVSILAPSSDKPLI KDLSLKICEGQSLLIT GNTGTGKTSLLR  
 VLGGLWEGMKGSVQMLADFGPHGVLFLP QKPF  
 FTDGTLREQVIYPLKE IYPDSGSADDERIVRFLELAGLSSLVARTGGLDQ  
 QVD WNWYDVLSPGEMQRLSFARLFYL QPKYAVLDEATSALTEEA  
 ESELYRIGQQQLGMTF ISVGH  
 RPSLEKFHSWVLRRLHGGGSWEL TRIKLE

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<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Applications</b>	SDS-PAGE
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Reconstitution</b>	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

<b>Gene Name</b>	Abcd4
<b>Synonyms</b>	Abcd4; Pxmp1l; Lysosomal cobalamin transporter ABCD4; ATP-binding cassette sub-family D member 4; PMP70-related protein; P70R; Peroxisomal membrane protein 1-like; PXMP1-L; Peroxisomal membrane protein 69; PMP69
<b>UniProt ID</b>	<a href="#">O89016</a>

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