

Recombinant Human ABCD2 Full Length Transmembrane protein, His-tagged

Cat. No. ABCD2-2941H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ABCD2 protein(Q9UBJ2)(1-740aa), fused with N-terminal His tag, was expressed in in vitro E. coli expression system.
Species	Human
Source	E.coli
ProteinLength	1-740aa
Form	<p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>
Molecular Mass	89.3 kDa
AA Sequence	<p>MTHMLNAAADRVKWSTRSSAAKRAACLVAAYALKTLYPEIIGKRLKQSGHGGKKA YPAAENTEILHCTETICEKPSPGVNADFFKQLELRKILFPKLVTTETGWLCLH SVALI SRTFLSIYVAGLDGKIVKSIVEKKPRTFIIKLIKWLMIAIPATFVNSAIRYLE CKLALAFRT RLVDHAYETYFTNQTYYKVINMDGRLANPDQSLTEDIMMFSQSVAHLYSNL TKPILD VMLTSYTLIQTATSRGASPIGPTLLAGLVVYATAKVLKACSPKFGKLVAAE EHRKGYL RYVHSRIIANVEEIAFYRGHKVEMKQLQKSYKALADQMNLILSKRLWYIMIE QFLMKY VWSSSGLIMVAIPIITATGFADGEDGQKQVMVSETEAFTTARNLLASGADA IERIMS SYKEVTELAGYTARVYNMFVWFDEVKRGYIKRTAVIQESESHSKNGAKVEL PLSDTL</p>

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AIKGGKVIDVDHGIICENVPIITPAGEVVASRLNFKVEEGMHLLITGPNGCGKSSLFRI
 GLWPVYEGVLYKPPPQHMFYIPQRPYMSLGLSLRDQVIYPDSVDDMHDKGYTDQDL
 ERILHNVHLYHIVQREGGWDVMDWKDVLSSGGEKQRMGMARMFYHKPKYALLDE
 CTSAVSIDVEGKIFQAAKGAGISLLSITHRPSLWKYHTHLLQFDGEGGWRFELDTAI
 RLTLSEEKQKLESQLAGIPKMQRRLNELCKILGEDSVLKTIKNEDETS

Purity Greater than 85% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution 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.

GENE INFORMATION

Gene Name [ABCD2 ATP-binding cassette, sub-family D \(ALD\), member 2 \[Homo sapiens \]](#)

Official Symbol [ABCD2](#)

Synonyms ABCD2; ATP-binding cassette, sub-family D (ALD), member 2; ALDL1; ATP-binding cassette sub-family D member 2; ALDR; ALDRP; adrenoleukodystrophy-like 1; adrenoleukodystrophy-related protein; ABC39; hALDR;

Gene ID [225](#)

mRNA Refseq [NM_005164](#)

Protein Refseq [NP_005155](#)

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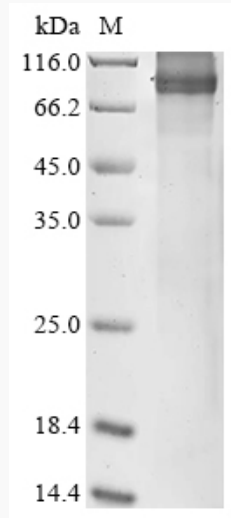
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MIM 601081

UniProt ID Q9UBJ2

SDS-PAGE



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