

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	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	89.3 kDa
AA Sequence	MTHMLNAAADRVKWTRSSAAKRAACLVAAAYALKTLYPEIGKRLKQSGHGKKKAAA YPAAENTEILHCTETICEKPSPGVNADFFKQLELRKILFPKLVTTETGWLCLHSVALI SRTFLSIYVAGLDGKIVKSIVEKKPRTFIIKLIKWLMIAPATFVNSAIRYLECKLALAFRT RLVDHAYETYFTNQTYKVINMDGRLANPDQSLTEDIMMFSQSVAHLYSNLTKPILD VMLTSYTLIQTATSRGASPIGPTLLAGLVVYATAKVLKACSPKFGKLVAEEAHRKGYL RYVHSRIIANVEEIAFYRGHKVEMKQLQKSYKALADQMNLILSKRLWYIMIEQFLMKY VWSSSGLIMVAIPIITATGFADGEDGQKQVMVSETEAFTTARNLLASGADAIERIMS SYKEVTELAGYTARVYNMFVWFDEVKRGYKRTAVIQESESSESHSKNGAKVELPLSCTL

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AIKGKVIDVDHGIICENVPIITPAGEVVASRLNFKVEEGMHLLITGPNGCGKSSLFRILS
GLWPVYEGVLYKPPPQHMFYIPQRPYMSLGSLRDQVIYPDSVDDMHDKGYTDQDL
ERILHNVHLYHIVQREGGWDVMDWKDVLSGGEKQRMGMARMFYHKPKYALLDE
CTSAVSIDVEGKIFQAAKGAGISLLSITHRPSLWKYHHTLLQFDGEGGWRFEQLDTAI
RLTLSEEKQKLESQLAGIPKMQRNLCKILGEDSVLKTIKNEDETS

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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MIM	601081
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UniProt ID	Q9UBJ2
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