

Recombinant Human ABCD2 protein, His-tagged

Cat. No. ABCD2-3988H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ABCD2 protein(371-740 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	371-740 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	ADGEDGQKQVMVSERTEAFTTARNLLASGADAIERIMSSYKEVTELAGYTARVYNM FWVFDEVKRGYIKRTAVIQESESLSKNGAKVELPLSDTLAIKGVLDVDHGIICENVPII TPAGEVVASRLNFKVEEGMHLLITGPNGCGKSSLFRILSGLWPVYEGVLYKPPPQH MFYIPQRPYMSLGLSLRDQVIYPDSVDDMHDKGYTDQDLERILHNHLYHIVQREGG WDAVMDWKDVLSGGEKQRMGMARMFYHKPKYALLDECTSAVSIDVEGKIFQAAKG AGISLLSITHRPSLWKYHTHLLQFDGEGGWRFEQLDTAIRLTLSEEKQKLESQLAGIP KMQQRLNELCKILGEDSVLKTIKNEDETS
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.
Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

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

MIM 601081

UniProt ID Q9UBJ2

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