

Recombinant Human ABCD1 protein, His-tagged

Cat. No. ABCD1-4543H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ABCD1 protein(334-507 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	334-507 aa
Tag	N-His
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.
Purity	85%, 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, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence

LMKYVWSASGLLMVAVPIITATGYSESDAEAVKKAALKKEEELVSERTEAFTIARNL
 LTAAADAIERIMSSSYKEVTELAGYTARVHEMFQVFEDVQRCHFMRPRELEDAQAGS
 GTIGRSGVRVEGPLKIRGQVVDVEQGIICENIPIVTPSGEVVVASLNIRVEEGMHLLIT
 G

GENE INFORMATION

Gene Name [ABCD1 ATP-binding cassette, sub-family D \(ALD\), member 1 \[Homo sapiens \]](#)

Official Symbol [ABCD1](#)

Synonyms ABCD1; ATP-binding cassette, sub-family D (ALD), member 1; ALD; ATP-binding cassette sub-family D member 1; adrenoleukodystrophy; ALDP; AMN; adrenoleukodystrophy protein; ABC42;

Gene ID [215](#)

mRNA Refseq [NM_000033](#)

Protein Refseq [NP_000024](#)

MIM [300371](#)

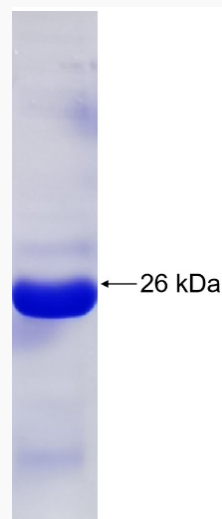
UniProt ID [P33897](#)

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SDS-PAGE



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