

Recombinant Human ABCD3 protein, His-tagged

Cat. No. ABCD3-2699H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ABCD3 protein(1-124 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-124 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	MAAFSKYLTARNSSLAGAAFLLLCLLHKRRRALGLHGKKSGKPPLQNNEKEGKKER AVVDKVFVSRLIQILKIMVPRTFCKETGYLVLIAMLVSRITYCDVWMIQNGTLIESGIIG RSRKDFKR
Purity	90%, 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 containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	ABCD3 ATP-binding cassette, sub-family D (ALD), member 3 [Homo sapiens]
Official Symbol	ABCD3
Synonyms	ABCD3; ATP-binding cassette, sub-family D (ALD), member 3; PXMP1; ATP-binding cassette sub-family D member 3; PMP70; ZWS2; 70 kDa peroxisomal membrane protein; Peroxisomal membrane protein-1 (70kD); peroxisomal membrane protein 1 (70kD, Zellweger syndrome); dJ824O18.1 (ATP-binding cassette, sub-family D (ALD), member 3 (PMP70, PXMP1)); ABC43;
Gene ID	5825
mRNA Refseq	NM_001122674
Protein Refseq	NP_001116146
UniProt ID	P28288

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