

Recombinant Full Length Human Atp-Binding Cassette Sub-Family D Member 4(Abcd4) Protein, His-Tagged

Cat. No. RFL-3580HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ATP-binding cassette sub-family D member 4(ABCD4) Protein (O14678) (1-606aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-606)
Form	Lyophilized powder
AA Sequence	<p>MAVAGPAPGAGARPRDLQFLQRFLQILKVLFPSSWSSQNALMFLTLLCLTLLEQFVIY QV GLIPSQYYGVLGNKDLEGFKTLTFLAVMLIVLNSTLKSFDQFTCNLLYVSWRKDL TEHLH RLYFRGRAYTTLNVLRDDIDNPDQRISQDVERFCRQLSSMASKLIISPFTLVY YTYQCFQ STGWLGPVSIFGYFILGTVVNKTLMGPVIMKLVHQEKLEGDFRFKHMQIR VNAEPAAFYR AGHVEHMRTDRRLQRLQTQRELMSKELWLYIGINTFDYLGSIYSYV VIAIPFSGVYGD LSPAELSTLVSKNAFVCIYLISCFTQLIDLSTTLSDVAGYTHRIGQL RETLLDMSLKSQD CEILGESEWGLDTPPGWPAAPADTAFLLERVSISAPSSDKPLI KDLSLKISEGQSLLIT GNTGTGKTSLLRVLGLWTSTRGSVQMLTDFGPHGVFLFPQ KPFFTDGTLREQVIYPLKE VYPDSGSADDERILRFLELAGLSNLVARTEGLDQQVDW NWYDVLSPGEMQRLSFARLFYL QPKYAVLDEATSALTEEVESELYRIGQQQLGTMFIS VGHRQSLEKFHSLVLKLCGGGRWEL MRIKVE</p>

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Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	ABCD4
Synonyms	ABCD4; PXMP1L; Lysosomal cobalamin transporter ABCD4; ATP-binding cassette sub-family D member 4; PMP70-related protein; P70R; Peroxisomal membrane protein 1-like; PXMP1-L; Peroxisomal membrane protein 69; PMP69
UniProt ID	O14678

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