

Recombinant Full Length Mouse Atp-Binding Cassette Sub-Family G Member 1(Abcg1) Protein, His-Tagged

Cat. No. RFL31234MF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse ATP-binding cassette sub-family G member 1(Abcg1) Protein (Q64343) (1-666aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mus musculus
Source	E.coli
ProteinLength	Full Length (1-666)
Form	Lyophilized powder
AA Sequence	<p>MACLMAAFSVGTAMNASSYSAAMTEPKSVCVSVDEVVSSNVDEVETDLLNGHLKK VDNNF TEAQRFSLLPRRAAVNIEFKDLSYSVPEGPWWKKKGYKTLLKGISGKFNSG ELVAIMGPS GAGKSTLMNILAGYRETGMKGAVLINGMPRDLRCFRKVSCYIMQDDM LLPHLTVQEAMMV SAHLKLQEKDEGRREMVKEILTALGLLPCANTRTGSLSGGQRK RLAIALELVNPPVMFF DEPTSGLDSASCFQVVSLMKGLAQQGGRSIVCTIHQPSAKL FELFDQLYVLSQGCQVYRGK VSNLVPYLRDLGLNCPTYHNPADFMVEVASGEYGD QNSRLVRAVREGMCDADYKRDLLGGD TDVNPFLWHRPAEEDSASMEGCHSFSASC LTQFCILFKRTFLSIMRDSVLTHLRITSHIG IGLLIGLLYLIGIGNEAKKVLNSNGFLFFSM LFLMFAALMPTVLTFFLEMSVFLREHLNYW YSLKAYYLAKTMADVPPQIMFPVAYCS IVYWMTSQPSDAVRFVLFALGTMTSLVAQSLG LLIGAASTSLQVATFVGPVTAIPVL LFSGFFVSFDTIPAYLQWMSYISYVRYGFEGVILS IYGLDREDLHCDIAETCHFQKSE</p>

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AILRELDVENAKLYLDFIVLGIFFISLRLIAYFVLRY KIRAER

Purity Greater than 90% as determined by 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 Abcg1

Synonyms Abcg1; Abc8; Wht1; ATP-binding cassette sub-family G member 1; ATP-binding cassette transporter 8; White protein homolog

UniProt ID [Q64343](https://www.uniprot.org/entry/Q64343)

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