

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

Cat. No. RFL-33268HF **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant Full Length Human ATP-binding cassette sub-family G member 1(ABCG1) Protein (P45844) (1-678aa), fused to N-terminal His tag, was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | Full Length (1-678) |
| Form | Lyophilized powder |
| AA Sequence | <p>MACLMAAFSVGTAMNASSYSAEMTEPKSVCVSVDEVVSSNMEATETDLLNGHLKK VDNNL TEAQRFSLLPRRAAVNIEFRDLSYSVPEGPWWRKKGYKTLLKGISGKFNSG ELVAIMGPS GAGKSTLMNILAGYRETGMKGAVLINGLPRDLRCFRKVSCYIMQDDM LLPHLTVQEAMMV SAHLKLQEKDEGRREMVKEILTALGLLSCANTRTGSLSGGQRK RLAIALELVNPPVMFF DEPTSGLDSASCFQVVSLMKGLAQQGGRSIICTIHQPSAKLF ELFDQLYVLSQGQCVRGK VCNLVPYLRDLGLNCPTYHNPADFVMEVASGEYGDQ NSRLVRVREGMCDSDHKRDLGGD AEVNPFLWHRPSEEVKQTKRLKGLRKDSSS MEGCHSFSASCLTQFCILFKRTFLSIMRDS VLTHLRITSHIGIGLLIGLLYLIGIGNEAKK VLSNSGFLFFSMLFLMFAALMPTVLTFFLE MGVFLREHLNYWYSLKAYYLAKTMAD VPFQIMFPVAYCSIVYWMTSQPSDAVRFVLFAL GTMTSLVAQSLGLLIGAASTSLQ VATFVGPVTAIPVLLFSGFFVSFDTIPTYLQWMSYIS YVRYGFEGVILSIYGLDREDLH</p> |

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CDIDETCHFQKSEAILRELDVENAKLYLDFIVLGIFFI SLRLIAYFVRLRYKIRAER

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 ABCG1

Synonyms ABCG1; ABC8; WH1; ATP-binding cassette sub-family G member 1; ATP-binding cassette transporter 8; White protein homolog

UniProt ID [P45844](https://www.uniprot.org/uniprot/P45844)

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