

Recombinant Full Length Rat Atp-Binding Cassette Sub-Family G Member 2(Abcg2) Protein, His-Tagged

Cat. No. RFL36450RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat ATP-binding cassette sub-family G member 2(Abcg2) Protein (Q80W57) (1-657aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (1-657)
Form	Lyophilized powder
AA Sequence	MSSSNDHVLVPMSQRNKNGLPGMSSRGARTLAEGDVLSFHHITYRVKVKSGFLVR KTAEK EILSDINGIMKPGLNAILGPTGGGKSSLLDVLAARKDPRGLSGDVLINGAPQP ANFKCSS GYVVQDDVVMGTLTVRENLQFSAALRLPKAMKTHEKNERINTIIKELGLD KVADSKVGTQ FTRGISGGERKRTSIGMELITDPSILFLDEPTTGLDSSTANAVLLLLK RMSKQGRTIIFS IHQPRYSIFKLFDLSTLLASGKLMFHGPAQKALEYFASAGYHCEPY NNPADFFLDVINGD SSAVMLNRGEQDHEANKTEEPSKREKPIIENLAEFYINSTIYGE TKAELDQLPVAQKKKG SSAFREPYYVTSFCHQLRWIARRSFKNLLGNPQASVAQLI VTVILGLIIGALYFGLKNDP TGMQNRAGVFFFLTNNQCFTSVSAVELFVVEKKLFIHEY ISGYRVSSYFFGKLVSDLLP MRFLPSVIYTCILYFMLGLKRTVEAFFIMMFTLIMVAY TASSMALAIAAGQSVVSVATLL MTISFVFMMLFSGLLVNLRTIGPWLSWLQYFSIPRY GFTALQHNEFLGQEFCPGLNVTMN STCVNSYTICTGNDYLINQGIDLSPWGLWRNH VALACMIIFLTIAYLKLLFLKKYS

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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	Abcg2
Synonyms	Abcg2; Bcrp1; Broad substrate specificity ATP-binding cassette transporter ABCG2; ATP-binding cassette sub-family G member 2; Breast cancer resistance protein 1 homolog; Urate exporter; CD antigen CD338
UniProt ID	Q80W57

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