

# 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

MSSSNDHVLVPMSSQRNKNGLPGMSSRGARTLAEGDVLSFHHITYRVKVKSGFLVR  
 KTAEK EILSDINGIMKPGLNAILGPTGGGKSSLLDVLAARKDPRGLSGDVLINGAPQP  
 ANFKCSS GYVVQDDVVMGTLTVRENLQFSAALRLPKAMKTHEKNERINTIIKELGLD  
 KVADSKVGTQ FTRGISGGERKRTSIGMELITDPSILFLDEPTTGLDSSSTANAVLLLLK  
 RMSKQGRTIIFS IHQPRYSIFKLFDSLTLASGKLMFHGPAQKALEYFASAGYHCEPY  
 NNPADFFLDVINGD SSAVMLNRGEQDHEANKTEEPSKREKPIIENLAEFYINSTIYGE  
 TKAELDQLPVAQKKKG SSAFREPVVYVTSFCHQLRWIARRSFKNLLGNPQASVAQLI  
 VTVILGLIIGALYFGLKNDP TGMQNRAGVFFFLTTNQCFTSVSAVELFVVEKKLFIHEY  
 ISGYRVSSYFFGKLVSDLLP MRFLPSVIYTCILYFMLGLKRTVEAFFIMMFTLIMVAY  
 TASSMALAIAAGQSVVSVATLL MTISFVFMMLFSGLLVNLRRTIGPWLSWLQYFSIPRY  
 GFTALQHNEFLGQEFCPGLNVTMN STCVNSYTICTGNDYLINQGIDLSPWGLWRNH  
 VALACMIIFLTIAYLKLLFLKKYS

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<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Reconstitution</b>	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.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	Abcg2
<b>Synonyms</b>	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
<b>UniProt ID</b>	<a href="https://www.uniprot.org/entry/Q80W57">Q80W57</a>

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