

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

Cat. No. RFL17173BF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Bovine ATP-binding cassette sub-family G member 2(ABCG2) Protein (Q4GZT4) (1-655aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Bovine
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length (1-655)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	<p>MSSNSYEVSIPMSKKLNGIPETTSKDLQTLTEGAVLSFHNICYRVKVKTGFLLCRKTIK            K EILANINGVMKPGLNAILGPTGGGKSSLLDILAARKDPHGLSGDVLINGAPRPANFK            CNS GYVVQDDVVMGTLTVRENLQFSAALRLPTTMTSYEKNERINKVIQELGLDKVA            DSKVGTQ FIRGVSGGERKRTSIAMELITDPSILFLDEPTTGLDSSTANAVLLLLKRMS            KQGRTIIFS IHQPRYSIFKLFDSLTLASGRLMFHGPAQEALGYFGAIGFRCEPYNNP            ADFFLDIINGD SSAVVLNREDIGDEANETEESKDKDTPLIEKLAEFYVNSSFFKETKVE            LDKFSGDQRRKK LPSYKEVTYATSFCHQLKWISRRSFKNLLGNPQASIAQLIVTVFL            GLVIGAIIFYDLKNDP AGIQNRAGVLFLLTTNQCFSVSAVELLVVEKKLFIHEYISGY            RVSSYFFGKLLSDLLP MRMLPSIIFTCITYFLLGLKPKVEAFFIMMLTLMMVAYSASS            MALAIAAGQSVVSIATLL MTISFVFMIFSGLLVNLKTVVPWLSWLQYLSIPRYGYAA            LQHNEFLGQNFPCPLNVTTN NTCSYAICTGEEFLTNQGIDISPWGLWKNHVALACMI</p>

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	VIFLTIAYLKLLFLKKFS
<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 mutiple 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; Broad substrate specificity ATP-binding cassette transporter ABCG2; ATP-binding cassette sub-family G member 2; Urate exporter; CD antigen CD338
<b>UniProt ID</b>	<a href="#">Q4GZT4</a>

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