

# Recombinant Full Length Human Atp-Binding Cassette Sub-Family G Member 5(Abcg5) Protein, His-Tagged

Cat. No. RFL4475HF Lot. No. (See product label)

## SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Full Length Human ATP-binding cassette sub-family G member 5(ABCG5) Protein (Q9H222) (1-651aa), fused to N-terminal His tag, was expressed in E. coli.  |
| <b>Species</b>          | Human   |
| <b>Source</b>           | E.coli  |
| <b>ProteinLength</b>    | Full Length (1-651)   |
| <b>Form</b>             | Lyophilized powder  |
| <b>AA Sequence</b>      | <p>MGDLSSLTPGGSMGLQVNRGSQSSLEGAPATAPEPHSLGILHASYSVSHRVRPWW<br/> DITSC RQQWTRQILKDVSLYVESGQIMCILGSSGSGKTTLLDAMSGRLGRAGTFLG<br/> EVYVNGRAL RREQFQDCFSYVLQSDTLLSSLTVRETLHYTALLAIRRGNPGSFQKK<br/> VEAVMAELSLSHV ADRLIGNYSLGGISTGERRRVSIAAQLLQDPKVMLFDEPTTGLD<br/> CMTANQIVLLVELAR RNRIVLTIHQPRSELFQLFDKIAILSFGELIFCGTPAEMLDFF<br/> NDCGYPCPEHSNPFDF YMDLTSVDTQSKEREIETSKRVQMIESAYKKSACHKTLKN<br/> IERMKHLKTLPMVPFKTKD SPGVFSKLGVLLRRVTRNLVRNKLAVITRLLQNLIMGLF<br/> LLFFVLRVRSNVLKGAIQDRV GLLYQFVGATPYTGMLNAVNLFVLRVRAVSDQESQD<br/> GLYQKWQMMLAYALHVL PFSVVATM IFSSVCYWTGLGHPEVARFGYFSAALLAPHL<br/> IGEFLLVLLGIVQPNIVNSVVALLSIA GVLVSGFLRNIQEMPIPFKIISYFTFQKYCS<br/> EILVVNEFYGLNFTCGSSNSVTTNPMC AFTQGIQFIEKTCPGATSRFTMNFLILYSFI</p> |

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PALVILGIVVFKIRDHLISR

**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** ABCG5

**Synonyms** ABCG5; ATP-binding cassette sub-family G member 5; Sterolin-1

**UniProt ID** [Q9H222](https://www.uniprot.org/entry/Q9H222)

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