

Recombinant Full Length Human Atp-Binding Cassette Sub-Family G Member 8(Abcg8) Protein, His-Tagged

Cat. No. RFL16259HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ATP-binding cassette sub-family G member 8(ABCG8) Protein (Q9H221) (1-673aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-673)
Form	Lyophilized powder
AA Sequence	<p>MAGKAAEERGLPKGATPQDTSGLQDRLFSSSEDNSLYFTYSGQPNTLEVRDLNYQ VDLAS QVPWFEQLAQFKMPWTSPSCQNSCELGIQNLSFKVRSQMMLAIIGSSGCG RASLLDVITG RGHGGKIKSGQIWINQPPSSPQLVRKCVAHVRQHNQLLPNLTVRETL AFIAQMRLPRTFS QAQRDKRVEDVIAELRLRQCADTRVGNMYVRGLSGGERRRVS GVQLLWNPILILDEPT SGLDSFTAHLNVLKTLRLAKGNRLVLISLHQPRSDIFRLFDL VLLMTSGTPIYLGAAQHM VQYFTAIGYPCPRYSNPADFYVDLTSIDRRSREQELATR EKAQSLAALFLEKVRDLDDFL WKAETKDLDEDTCESSVTPLDTNCLPSPTKMPGA VQQFTTLIRRQISNDFRDLPDLLIH GAEACLMSMTIGFLYFGHGSIQLSFMDTAALLF MIGALIPFNVILDVISKCYSERAMLYY ELEDGLYTTGPYFFAKILGELPEHCAYIIYGM PTYWLANLRPGLQPFLHLLVWL VVF CCRIMALAAAALLPTFHMASFFSNALYNSF YLAGGFMINLSSLWTPAWISKVSFLRWCF EGLMKIQFSRRTYKMPLGNLTIIVSGD</p>

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KILSVMEELDSYPLYAIYLIVIGLSGGFMVLYYV SLRFIKQKPSQDW

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 ABCG8

Synonyms ABCG8; ATP-binding cassette sub-family G member 8; Sterolin-2

UniProt ID [Q9H221](https://www.uniprot.org/entry/Q9H221)

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