

Recombinant Human ABCG8 protein, His-tagged

Cat. No. ABCG8-2432H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ABCG8 protein(21-386 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	21-386 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ ,17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

AA Sequence

SGLQDRLFSSSESDNSLYFTYSGQPNTLEVRDLNYQVDLASQVPWFEEQLAQFKMPW
 TSPSCQNSCELGIQNLSEKVRSGQMLAIIGSSGCGRASLLDVITGRGHGGKIKSGQI
 WINGQPSSPQLVRKCVAHVRQHNQLLPNLTVRETLAFIAQMRLPRTFSQAQRDKRV
 EDVIAELRLRQCADTRVGNMYVRGLSGGERRRRVSIGVQLLWNPGLILDEPTSGLD
 FTAHNLVKTLRLAKGNRLVLISLHQPRSDIFRLFDLVLLMTSGTPIYLGAAQHMVQY
 FTAIGYPCPRYSNPADFYVDLTSIDRRSREQELATREKAQSLAALFLEKVRDLDDFL
 WKAETKDLDEDTCESSVTPLDTNCL

GENE INFORMATION

Gene Name [ABCG8 ATP-binding cassette, sub-family G \(WHITE\), member 8 \[Homo sapiens \]](#)

Official Symbol [ABCG8](#)

Synonyms ABCG8; ATP-binding cassette, sub-family G (WHITE), member 8; ATP binding cassette, sub family G (WHITE), member 8 (sterolin 2); ATP-binding cassette sub-family G member 8; gallbladder disease 4; GBD4; sterolin 2; sterolin-2; ATP-binding cassette, subfamily G, member 8; STSL; MGC142217;

Gene ID [64241](#)

mRNA Refseq [NM_022437](#)

Protein Refseq [NP_071882](#)

MIM [605460](#)

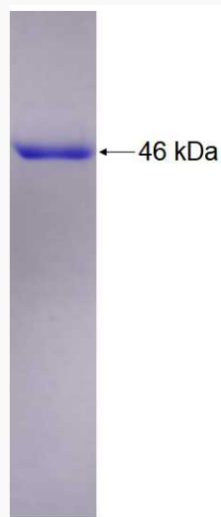
UniProt ID [Q9H221](#)

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SDS-PAGE



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