

Recombinant Rat Abcg8, His-tagged

Cat. No. Abcg8-3742R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ATP-binding cassette sub-family G member 8 (Abcg8)
Species	Rat
Source	E.Coli/Yeast
ProteinLength	672
Description	ATP-binding cassette (ABC) transporter that regulates sterol absorption and excretion; mutation causes sitosterolemia .
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of Abcg8 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol

 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

Warning

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION

Gene Name [Abcg8 ATP-binding cassette, subfamily G \(WHITE\), member 8 \[Rattus norvegicus \]](#)

Official Symbol Abcg8

Synonyms

ABCG8; ATP-binding cassette, subfamily G (WHITE), member 8; ATP-binding cassette sub-family G member 8; sterolin 2; sterolin-2; ATP-binding cassette, sub-family G (WHITE), member 8;

Gene ID [155192](#)

mRNA Refseq [NM_130414](#)

Protein Refseq [NP_569098](#)

Chromosome Location

6q12

Pathway

ABC transporters, organism-specific biosystem; ABC transporters, conserved biosystem; Bile secretion, organism-specific biosystem; Bile secretion, conserved biosystem; Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption

Function

ATP binding; contributes_to ATP binding; ATPase activity; contributes_to ATPase activity; contributes_to cholesterol transporter activity; cholesterol transporter activity; nucleotide binding; protein heterodimerization activity; sterol transporter activity;

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