

## Recombinant Human ABCG4 Protein, GST-Tagged

Cat. No. ABCG4-068H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Human ABCG4 full-length ORF ( AAH41091, 1 a.a. - 646 a.a.) recombinant protein with GST-tag at N-terminal.

**Species** Human

**Source** Wheat Germ

**Description** The protein encoded by this gene is a member of the ATP-binding cassette (ABC) transporter superfamily. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). The encoded protein is a member of the White subfamily and plays an important role in cellular cholesterol homeostasis. This protein functions as either a homodimer or as a heterodimer with another ABC subfamily protein such as ABCG1. [provided by RefSeq, Jan 2017]

**Molecular Mass** 96.8 kDa

**AA Sequence**

```

MAEKALEAVGCGLGPGAVAMAVTLEDGAEPPVLTTHLKKVENHITEAQRFSHLPKR
SAVDIEFVELSYSVREGPCWRKRGYKTLKCLSGKFCRRELIGIMGPSGAGKSTFMN
ILAGYRESGMKGQILVNGRPRELRTFRKMSCYIMQDDMLLPHLTVLEAMMVSANLKL
SEKQEVKKELVTEILTALGLMSCSHTRTALLSGGQRKRLAIALELVNPPVMMFFDEPT
SGLDSASCFQVVSLMKSLAQQGRTIICHTIHQPSAKLFEMFDKLYILSQGCIFKGVVT
NLIPYLKGLGLHCPTYHNPADFIIEVASGEYGDLPMLFRAVQNGLCAMAEEKSSPE
KNEVPAPCPPCPPEVDPIESHTFATSTLTQFCILFKRTFLSILRDTVLTHLRFMSHVVI

```

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

GVLIGLLYLHIGDDASKVFNNTGCLFFSMLFLMFAALMPTVLTFFPLEMAVFMREHLNY  
 WYSLKAYYLAKTMADVFPFQVVCPVVYCSIVYWMTGQPAETSRFLLFSALATATALVA  
 QSLGLLIGAASNSLQVATFVGPVTAIPVLLFSGFFVVSFKTIPTYLQWSSYLSYVRYGFE  
 GVILTIYGVERGDLTCLEERCPCFPREPQSILRALDVEDAKLYMDFLVLGIFFLALRLLAYL  
 VLRYSVKSER

**Applications**  
 Enzyme-linked Immunoabsorbent Assay  
 Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

**Notes**  
 Best use within three months from the date of receipt of this protein.

**Storage**  
 Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**  
 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** [ABCG4 ATP-binding cassette, sub-family G \(WHITE\), member 4 \[ Homo sapiens \]](#)

**Official Symbol** [ABCG4](#)

**Synonyms** [WHITE2](#)

**Gene ID** [64137](#)

**mRNA Refseq** [NM\\_022169](#)

**Protein Refseq** [NP\\_071452](#)

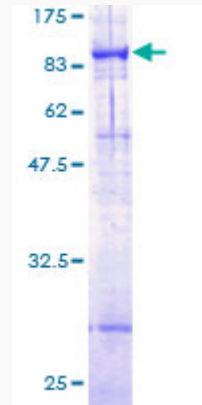
 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

MIM 607784

UniProt ID Q9H172



12.5% SDS-PAGE Stained with Coomassie Blue.

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

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

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