

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	MAEKALEAVGCGLGPGAVAMAVTLEDGAEPVLTTHLKKVENHITEAQRFSHLPKR SAVDIEFVELSYSVREGPCWRKRGYKTLKCLSGKFCRRELIGIMGPSGAGKSTFMN ILAGYRESGMKGQILVNGRPRELRTFRKMSCYIMQDDMLLPHLTVLEAMMV SANLKL SEKQEVKKELVTEILTALGLMSCSHTRTALLSGGQRKRLAIALELVNNPPVMFFDEPT SGLDSASCFQVVSLMKSLAQGGRTIICTIHQPSAKLFEMFDKLYILSQGQCIFKGVVT NLIPYLKGLGLHCPTYHNPADFIIEVASGEYGDLPMLFRAVQNGLCAMAEKKSSPE KNEVPAPCPPCPPEVDPIESHTFATSTLTQFCILFKRTFLSILRDTVLTHLRFMSHVVI

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GVLIGLLYLHIGDDASKVFNNTGCLFFSMLFLMFAALMPTVLTFFPLEMAVFMREHLNY
WYSLKAYYLAKTMADVPPFQVVCVVYCSIVYWMTGQPAETSRFLFSALATATALVA
QSLGLLIGAASNSLQVATFVGPVTAIPVLLFSGFFVSFKTIPTYLQWSSYLSYVRYGFE
GVILTIYGVERGDLTCLEERC PFREPQSILRALDVEDAKLYMDFLVLGIFFLALRLLAYL
VLR YRVKSER

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](#)

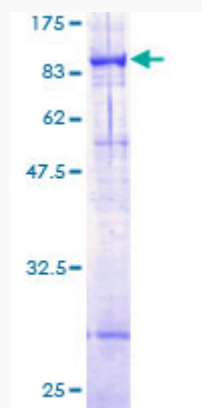
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MIM 607784

UniProt ID Q9H172



12.5% SDS-PAGE Stained with Coomassie Blue.

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