

Recombinant Full Length Human ABCG4 Protein, GST-tagged

Cat. No. ABCG4-797HF **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	In Vitro Cell Free System
ProteinLength	646 amino acids
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	MAEKALEAVG CGLGPGAVAM AVTLEDGAEP PVLTTHLKKV ENHITEAQRF SHLPKRSAVD IEFVELSYSV REGPCWRKRG YKTLKCLSG KFCRRELIGI MGPSGAGKST FMNILAGYRE SGMKGGQILVN GRPRELRTFR KMSCYIMQDD MLLPHLTVLE AMMVSANLKL SEKQEVKKEL VTEILTALGL MSCSHTRTAL LSGGQRKRLA IALELVNPP VMFFDEPTSG LDSASCFQVV SLMKSLAQGG RTIICTIHQP SAKLFEMFDK LYILSQGQCI FKGVVTNLIP YLKGLGLHCP

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TYHNPADFII EVASGEYGD L NPMLFRAVQN GLCAMAEEKS SPEKNEVPAP
 CPPCPPEVDP IESHTFATST LTQFCILFKR TFLSILRDTV LTHLRFMSHV
 VIGVLIGLLY LHIGDDASKV FNNTGCLFFS MLFLMFAALM PTVLTFPLEM
 AVFMREHLNY WYSLKAYYLA KTMADVPFQV VCPVVYCSIV YWMTGQPAET
 SRFLLFSALA TATALVAQSL GLLIGAASNS LQVATFVGPV TAIPVLLFSG
 FFVSFKTIPT YLQWSSYLSY VRYGFEGVIL TIYGVERGDL TCLEERCPFR
 EPQSILRALD VEDAKLYMDF LVLGIFFLAL RLLAYLVRLY RVKSER

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

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