

Recombinant Human ABCG4 protein, GST-tagged

Cat. No. ABCG4-9654H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ABCG4 protein(1-356 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-356 aa
Tag	N-GST
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.

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AA Sequence

MAEKALEAVGCGLGPGAVAMAVTLEDGAEPVLTTHLKKVENHITEAQRFSHLPKR
SAVDIEFVELSYSVREGPCWRKRGYKTLKCLSGKFCRRELIGIMGPSGAGKSTFMN
ILAGYRESGMKGQILVNGRPRELRTFRKMSCYIMQDDMLLPHLTVLEAMMVSA NLKL
SEKQEVKKELVTEILTALGLMSCSHTRTALLSGGQRKRLAIALELVNNPPVMFFDEPT
SGLDSASCFQVVSLMKSLAQGGRTIICTIHQPSAKLFEMFDKLYILSQGQCIFKGVVT
NLIPYLKGLGLHCPTYHNPADFIIEVASGEYGDLNPMLFRAVQNGLCAMAEKKSSPE
KNEVPAPCPPCPP

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_022169.4
Protein Refseq	NP_071452.2
MIM	607784
UniProt ID	Q9H172

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SDS-PAGE



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