

Recombinant Human ABCG1 protein, GST-tagged

Cat. No. ABCG1-9228H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ABCG1 protein(1-353 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-353 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

MACLMAAFSVGTAMNASSYSAEMTEPKSVCSVDEVVSSNMEATETDLLNGHLKK
VDNNLTEAQRFFSLPRRAAVNIEFRDLSYSVPEGPWWRKKGKYLTKGISGKFNSG
ELVAIMGPSGAGKSTLMNLAGYRETGMKGAVLINGLPRDLRCFRKVSCYIMQDDML
LPHLTVQEAMMVSAHLKLQEKDEGRREMVKELTALGLSCANTRTGSLSGGQQRKR
LAIALELVNNPPVMFFDEPTSGLDSASCFQVVSMLMKGLAQGGRSIICTIHQPSAKLFE
LFDQLYVLSQGQCVYRGKVCNLVPYLRDLGLNCPTYHNPADFVMEVASGEYGDQN
SRLVRVREGMCDSDH

GENE INFORMATION
Gene Name

[ABCG1 ATP-binding cassette, sub-family G \(WHITE\), member 1 \[Homo sapiens \]](#)

Official Symbol

[ABCG1](#)

Synonyms

ABCG1; ATP-binding cassette, sub-family G (WHITE), member 1; ATP-binding cassette sub-family G member 1; ABC8; ATP binding cassette transporter 8; ABC transporter 8; homolog of Drosophila white; ATP-binding cassette transporter 8; ATP-binding cassette transporter member 1 of subfamily G; white protein homolog (ATP-binding cassette transporter 8); WHITE1; MGC34313;

Gene ID

[9619](#)

mRNA Refseq

[NM_004915](#)

Protein Refseq

[NP_004906](#)

MIM

[603076](#)

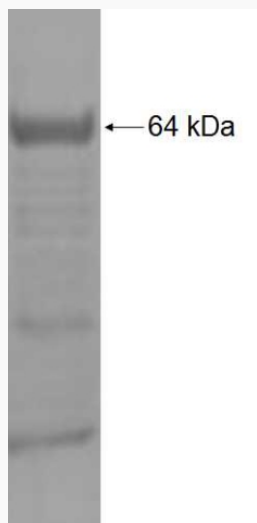
UniProt ID

[P45844](#)

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SDS-PAGE

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