

Recombinant Mouse Abcg1 Protein, MYC/DDK-tagged

Cat. No. Abcg1-500M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse ATP binding cassette subfamily G member 1 (Abcg1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. 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). This protein is a member of the White subfamily. The human protein is involved in macrophage cholesterol efflux and may regulate cellular lipid homeostasis in other cell types.
Molecular Mass	74.5 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Abcg1 ATP binding cassette subfamily G member 1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Abcg1](#)

Synonyms [Abcg1](#); ATP binding cassette subfamily G member 1; [Abc8](#); [White](#); [AW413978](#); ATP-binding cassette sub-family G member 1; ATP-binding cassette 8; ATP-binding cassette transporter 8; ATP-binding cassette, sub-family G (WHITE), member 1; white protein homolog

Gene ID [11307](#)

mRNA Refseq [NM_009593](#)

Protein Refseq [NP_033723](#)

UniProt ID [Q64343](#)

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