

Specifications:

Gene:	hABCB4
Accession:	NP_061338
Insert size:	3711bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

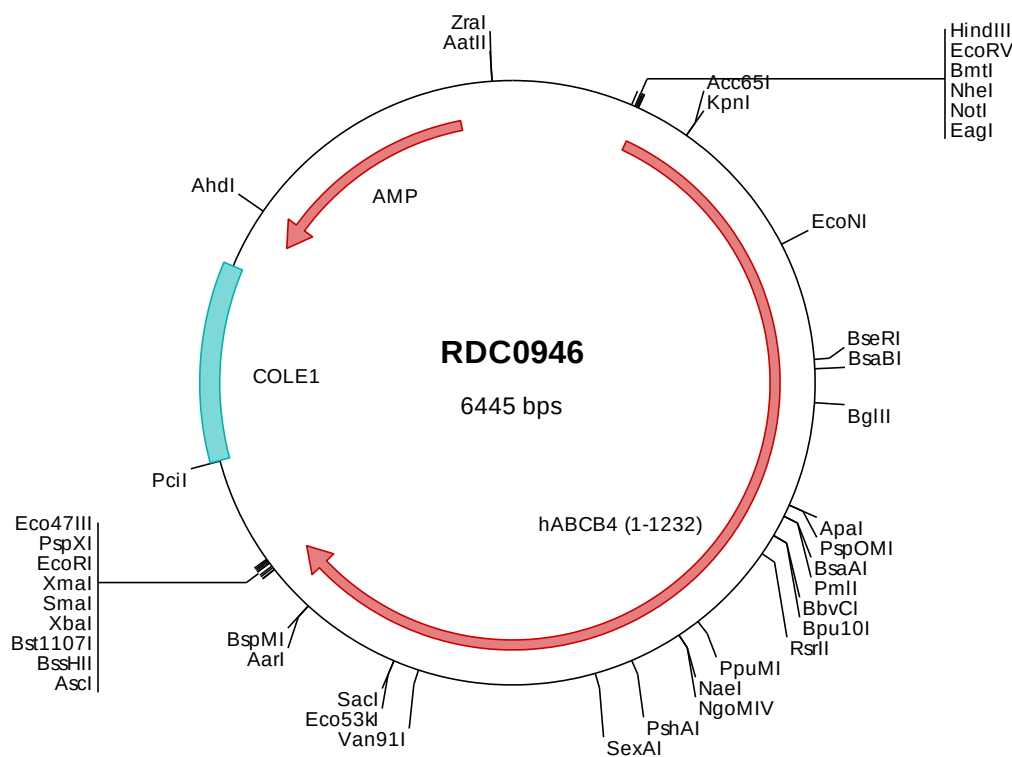
hMDR3/ABCB4 cDNA Plasmid

ABCB4 ATP-binding cassette, sub-family B (MDR/TAP), member 4 [*Homo sapiens* (human)]

Also known as: GBD1; ICP3; MDR2; MDR3; PGY3; ABC21; MDR2/3; PFIC-3

Summary:

ABCB4 is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABCB4 is a member of the MDR/TAP subfamily, involved in multidrug resistance as well as antigen presentation. ABCB4 may also be involved in the transport of phospholipids from liver hepatocytes into bile. Alternatively spliced transcripts encoding different proteins have been described.





> RDC0946 Plasmid DNA Sequence

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> RDC0946 Translated Insert Sequence

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