

Specifications:

Gene:	hABCA1
Accession:	NP_005493
Insert size:	6798bp
Concentration:	10µg at 0.2µg/µL

hABCA1 cDNA Plasmid

ABCA1 ATP-binding cassette, sub-family A (ABC1), member 1 [*Homo sapiens* (human)]

Also known as: TGD; ABC1; CERP; ABC-1; HDLDT1

Summary:

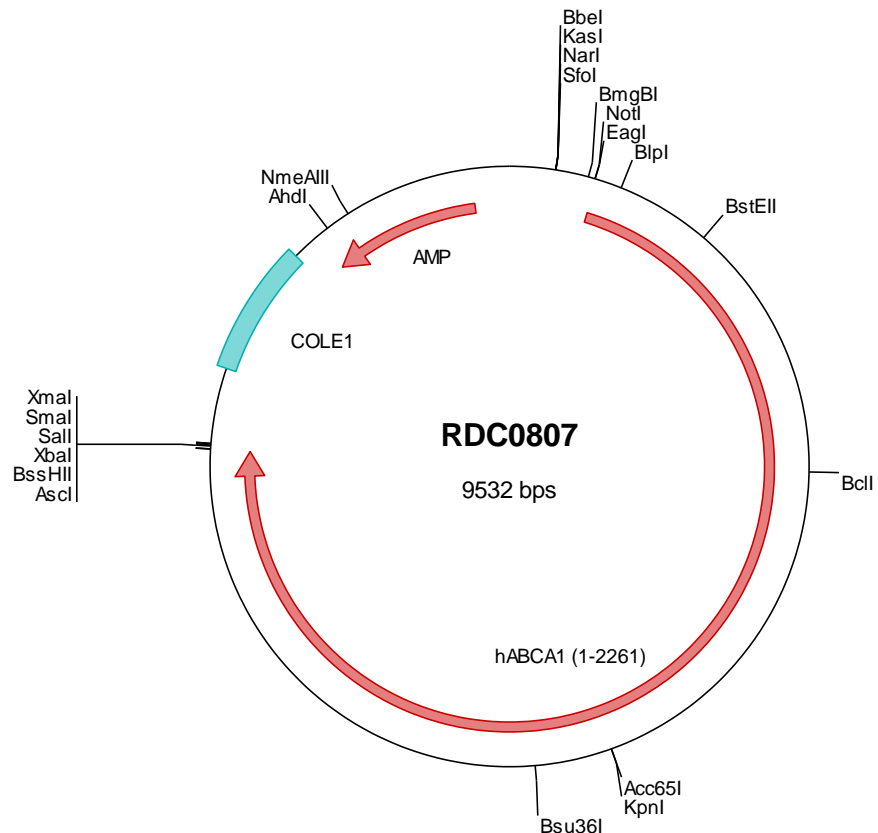
ABCA1 is a membrane-associated member of the superfamily of ATP-binding cassette (ABC) transporters that transport various molecules across extra- and intracellular membranes. It is a cholesterol efflux pump in the cellular lipid removal pathway. ABCA1 has been associated with Tangier's disease and familial high-density lipoprotein deficiency.

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.





> RDC0807 Plasmid DNA Sequence

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> RDC0807 Translated Insert Sequence

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