

Specifications:

Gene:	hABCC4
Accession:	NP_005836
Insert size:	3991bp
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.

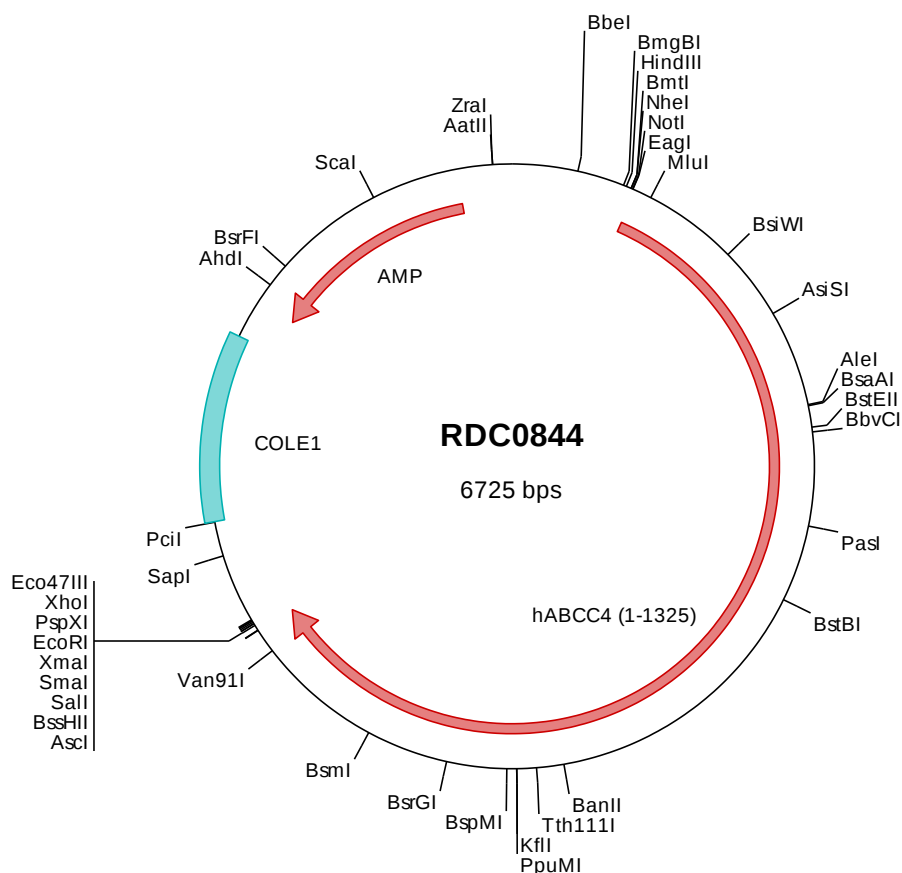
hMRP4/ABCC4 cDNA Plasmid

ABCC4 ATP-binding cassette, sub-family C (CFTR/MRP), member 4 [*Homo sapiens* (human)]

Also known as: MRP4;
MOATB; MOAT-B

Summary:

ABCC4, also known as multi-drug resistance protein 4 (MRP4), is a member of the MRP subfamily of the superfamily of ATP-binding cassette (ABC) transporters. It is involved in multi-drug resistance and may play a role in cellular detoxification. ABCC4 is widely expressed in benign and neoplastic prostate epithelia, but its expression gradually decreases during tumor progression towards castrate-resistant disease. It is a possible prognostic marker for prostate malignant tumor progression. Alternative splicing encoding different proteins have been described.





> RDC0844 Plasmid DNA Sequence

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>RDC0844 Translated Insert Sequence

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