

ABCB4 Knockout cell line ☐ IPSC ☐

Catalog Number: KO00003

Product Information	
Product Name	ABCB4 Knockout cell line (IPSC)
specification	1*10^6
Storage and transportation	Dry ice preservation/T25 live cell transportation.
species	Human
Gene	ABCB4
Gene ID	5244
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Parental Cell Line	IPSC
Quality Control	Genotype: ABCB4 Knockout cell line (IPSC) >95% viability before freezing. All cells were tested and found to be free of bacterial, viruses,mycoplasma and other toxins.

Gene Information	
Gene Official Full Name	ATP binding cassette subfamily B member 4provided by HGNC
Also known as	GBD1; ICP3; MDR2; MDR3; PGY3; ABC21; MDR2/3; PFIC-3
Gene Description	The membrane-associated 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 MDR/TAP subfamily. Members of the MDR/TAP subfamily are involved in multidrug resistance as well as antigen presentation. This gene encodes a full transporter and member of the p-glycoprotein family of membrane proteins with phosphatidylcholine as its substrate. The function of this protein has not yet been determined; however, it may involve transport of phospholipids from liver hepatocytes into bile. Alternative splicing of this gene results in several products of undetermined function. [provided by RefSeq, Jul 2008]
Expression	Biased expression in liver (RPKM 23.8), adrenal (RPKM 3.1) and 3 other tissues See more