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Product datasheet for RC224122L3V

ABCB11 (NM_003742) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ABCB11 (NM_003742) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ABCB11
Synonyms:	ABC16; BRIC2; BSEP; PFIC-2; PFIC2; PGY4; SPGP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_003742
ORF Size:	3963 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC224122).`
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_003742.2
RefSeq Size:	4775 bp
RefSeq ORF:	3966 bp
Locus ID:	8647
UniProt ID:	O95342
Cytogenetics:	2q31.1
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	ABC transporters

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MW: 146.9 kDa

Gene Summary: 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. The protein encoded by this gene is the major canalicular bile salt export pump in man. Mutations in this gene cause a form of progressive familial intrahepatic cholestases which are a group of inherited disorders with severe cholestatic liver disease from early infancy. [provided by RefSeq, Jul 2008]