

## Product datasheet for **RC223032L3V**

### MRP4 (ABCC4) (NM\_005845) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	MRP4 (ABCC4) (NM_005845) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ABCC4
Synonyms:	MOAT-B; MOATB; MRP4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_005845
ORF Size:	3975 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223032).
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. <a href="#">More info</a>
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:	<a href="#">NM_005845.2</a> , <a href="#">NP_005836.1</a>
RefSeq Size:	5871 bp
RefSeq ORF:	3978 bp
Locus ID:	10257
UniProt ID:	<a href="#">O15439</a>
Cytogenetics:	13q32.1
Domains:	ABC_membrane, ABC_tran, AAA
Protein Families:	Druggable Genome, Ion Channels: Other, Transmembrane



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**Protein Pathways:** ABC transporters

**MW:** 149.3 kDa

**Gene Summary:** The 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 MRP subfamily which is involved in multi-drug resistance. This family member plays a role in cellular detoxification as a pump for its substrate, organic anions. It may also function in prostaglandin-mediated cAMP signaling in ciliogenesis. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Sep 2014]