

Product datasheet for **MR210225L3V**

Abcb10 (NM_019552) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Abcb10 (NM_019552) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Abcb10
Synonyms:	ABC-m; Abc-me; Abcb12
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_019552
ORF Size:	2145 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210225).
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_019552.2 , NP_062425.1
RefSeq Size:	4325 bp
RefSeq ORF:	2148 bp
Locus ID:	56199
UniProt ID:	Q9J139
Cytogenetics:	8 E2



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Gene Summary:

This gene encodes a member of the ATP-binding cassette superfamily of transporters. ATP-binding cassette proteins transport various molecules across extra- and intra-cellular membranes. The encoded protein is localized to the mitochondrial inner membrane where it interacts with and stabilizes mitoferrin-1, and is important for heme biosynthesis. Additional evidence suggests the encoded protein is involved in oxidative stress protection and erythropoiesis. [provided by RefSeq, May 2013]