

Product datasheet for **MR201755L3V**

Slc25a37 (BC040399) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Slc25a37 (BC040399) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Slc25a37
Synonyms:	1700020E22Rik; 4930513O14Rik; 4930526G11Rik; AI848481; C330015G08Rik; frascati; Mfrn; Mfrn1; mitoferrin; Mscp
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	BC040399
ORF Size:	561 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR201755).
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:	BC040399 , AAH40399
RefSeq Size:	4000 bp
RefSeq ORF:	563 bp
Locus ID:	67712
Cytogenetics:	14 D2


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Gene Summary:

Mitochondrial iron transporter that specifically mediates iron uptake in developing erythroid cells, thereby playing an essential role in heme biosynthesis. The iron delivered into the mitochondria, presumably as Fe(2+), is then probably delivered to ferrochelatase to catalyze Fe(2+) incorporation into protoporphyrin IX to make heme.[UniProtKB/Swiss-Prot Function]