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Product datasheet for MR201784L3V

Lenti ORF particles, MGC:38916 (Myc-DDK-tagged) - Mouse cDNA clone MGC:38916 IMAGE:5362476, 200ul, >10^7 TU/mL (Mfsd7b) (BC024751) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Lenti ORF particles, MGC:38916 (Myc-DDK-tagged) - Mouse cDNA clone MGC:38916 IMAGE:5362476, 200ul, >10^7 TU/mL (Mfsd7b) (BC024751) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mfsd7b
Synonyms:	9630055N22Rik; FLVCR; Flvcr1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	BC024751
ORF Size:	564 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR201784).
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:	BC024751.1
RefSeq Size:	3063 bp
RefSeq ORF:	566 bp
Locus ID:	226844
Cytogenetics:	1 H6

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Gene Summary: Isoform 1: Heme transporter that exports cytoplasmic heme. It can also export coproporphyrin and protoporphyrin IX, which are both intermediate products in the heme biosynthetic pathway. Does not export bilirubin. Heme export depends on the presence of HPX and is required to maintain intracellular free heme balance, protecting cells from heme toxicity. Heme export provides protection from heme or ferrous iron toxicities in liver, brain, sensory neurons and during erythtopoiesis, a process in which heme synthesis intensifies. Causes susceptibility to FeLV-C in vitro.[UniProtKB/Swiss-Prot Function]