Product datasheet for MR208134L3V

Hars2 (NM_080636) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Hars2 (NM_080636) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Hars2
Synonyms:	4631412B19Rik; H; Harsl; HARSR; HO; HO3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_080636
ORF Size:	1518 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208134).
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_080636.1, NP_542367.1
RefSeq Size:	3075 bp
RefSeq ORF:	1518 bp
Locus ID:	70791
UniProt ID:	Q99KK9
Cytogenetics:	18 B2

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Gene Summary: This gene encodes a putative member of the class II family of aminoacyl-tRNA synthetases. These enzymes play a critical role in protein biosynthesis by charging tRNAs with their cognate amino acids. This protein is encoded by the nuclear genome but is likely to be imported to the mitochondrion where it is thought to catalyze the ligation of histidine to tRNA molecules. Mutations in a similar gene in human have been associated with Perrault syndrome 2 (PRLTS2). [provided by RefSeq, Mar 2015]