

Product datasheet for **MR203776L3V**

Dhrs4 (NM_001037938) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Dhrs4 (NM_001037938) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Dhrs4
Synonyms:	AI043103; AI790593; CR; D14Ucla2; mouNRDR; NDRD; PHCR; PSCD; RRD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001037938
ORF Size:	840 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR203776).
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_001037938.2
RefSeq Size:	1408 bp
RefSeq ORF:	840 bp
Locus ID:	28200
UniProt ID:	Q99LB2
Cytogenetics:	14 28.19 cM



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Gene Summary:

Reduces all-trans-retinal and 9-cis retinal. Can also catalyze the oxidation of all-trans-retinol with NADP as co-factor, but with much lower efficiency. Reduces alkyl phenyl ketones and alpha-dicarbonyl compounds with aromatic rings, such as pyrimidine-4-aldehyde, 3-benzoylpyridine, 4-benzoylpyridine, menadione and 4-hexanoylpyridine. Has no activity towards aliphatic aldehydes and ketones (By similarity).[UniProtKB/Swiss-Prot Function]