

Product datasheet for **MR218574L3V**

H2 (H2-Ke6) (NM_013543) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	H2 (H2-Ke6) (NM_013543) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	H2-Ke6
Synonyms:	D17H6S112E; H-2Ke6; Hsd17b8; Ke-6; Ke6; Ring2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_013543
ORF Size:	780 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR218574).
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_013543.2 , NP_038571.2
RefSeq Size:	981 bp
RefSeq ORF:	780 bp
Locus ID:	14979
UniProt ID:	P50171
Cytogenetics:	17 17.98 cM



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Gene Summary:

NAD-dependent 17-beta-hydroxysteroid dehydrogenase with highest activity towards estradiol. Has very low activity towards testosterone (PubMed:9712896). The heterotetramer with CBR4 has NADH-dependent 3-ketoacyl-acyl carrier protein reductase activity, and thereby plays a role in mitochondrial fatty acid biosynthesis. Within the heterotetramer, HSD17B8 binds NADH; CBR4 binds NADPD.[UniProtKB/Swiss-Prot Function]