

Product datasheet for **MR208036L3V**

Pdhx (NM_175094) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Pdhx (NM_175094) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pdhx
Synonyms:	AI481367; E3bp; Pdx1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_175094
ORF Size:	1503 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208036).
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_175094.5 , NP_780303.1
RefSeq Size:	2527 bp
RefSeq ORF:	1506 bp
Locus ID:	27402
UniProt ID:	Q8BKZ9
Cytogenetics:	2 E2



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Gene Summary:

Required for anchoring dihydrolipoamide dehydrogenase (E3) to the dihydrolipoamide transacetylase (E2) core of the pyruvate dehydrogenase complexes of eukaryotes. This specific binding is essential for a functional PDH complex (By similarity).[UniProtKB/Swiss-Prot Function]