

Product datasheet for **RR206996L3V**

Dph6 (NM_001014181) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Dph6 (NM_001014181) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Dph6
Synonyms:	Atpbd4; RGD1310006
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001014181
ORF Size:	801 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR206996).
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_001014181.1 , NP_001014203.1
RefSeq Size:	2512 bp
RefSeq ORF:	804 bp
Locus ID:	362191
UniProt ID:	Q5M9F5
Cytogenetics:	3q35



[View online »](#)

Gene Summary:

Amidase that catalyzes the last step of diphthamide biosynthesis using ammonium and ATP. Diphthamide biosynthesis consists in the conversion of an L-histidine residue in the translation elongation factor eEF-2 (EEF2) to diphthamide (By similarity).[UniProtKB/Swiss-Prot Function]