

Product datasheet for **MR223208L4V**

Dph6 (NM_025675) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Dph6 (NM_025675) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Dph6
Synonyms:	5730421E18Rik; Atpbd4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_025675
ORF Size:	801 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223208).
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_025675.4
RefSeq Size:	2700 bp
RefSeq ORF:	804 bp
Locus ID:	66632
UniProt ID:	Q9CQ28
Cytogenetics:	2 E4



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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 2 (EEF2) to diphthamide (By similarity).[UniProtKB/Swiss-Prot Function]