

Product datasheet for **MR224296L4V**

Hif3a (NM_001162950) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Hif3a (NM_001162950) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Hif3a
Synonyms:	bHLHe17; lpas; MOP7; NEPAS
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001162950
ORF Size:	1992 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR224296).
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_001162950.1 , NP_001156422.1
RefSeq Size:	6916 bp
RefSeq ORF:	1995 bp
Locus ID:	53417
UniProt ID:	Q0VBL6
Cytogenetics:	7 A2



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Gene Summary:

Acts as a transcriptional regulator in adaptive response to low oxygen tension. Acts as a regulator of hypoxia-inducible gene expression (PubMed:9840812, PubMed:11734856, PubMed:21546903). Plays a role in the development of the cardiorespiratory system (PubMed:18070924).[UniProtKB/Swiss-Prot Function]