

Product datasheet for **MR224682L4V**

Ing5 (NM_025454) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ing5 (NM_025454) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ing5
Synonyms:	1700001C14Rik; 1700027H23Rik; 1810018M11Rik; AI225768
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_025454
ORF Size:	720 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR224682).
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_025454.2 , NP_079730.1
RefSeq Size:	4539 bp
RefSeq ORF:	723 bp
Locus ID:	66262
UniProt ID:	Q9D8Y8
Cytogenetics:	1 D



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Gene Summary:

Component of the HBO1 complex which has a histone H4-specific acetyltransferase activity, a reduced activity toward histone H3 and is responsible for the bulk of histone H4 acetylation in vivo. Component of the MOZ/MORF complex which has a histone H3 acetyltransferase activity. May function as a transcriptional coactivator for RUNX2. Inhibits cell growth, induces a delay in S-phase progression and enhances Fas-induced apoptosis in an INCA1-dependent manner (By similarity).[UniProtKB/Swiss-Prot Function]