

Product datasheet for **MR203794L4V**

Ing2 (NM_023503) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ing2 (NM_023503) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ing2
Synonyms:	2810011M06Rik; Ing1l; Ing2b; P33ING2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_023503
ORF Size:	846 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR203794).
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_023503.2 , NP_075992.2
RefSeq Size:	2813 bp
RefSeq ORF:	846 bp
Locus ID:	69260
UniProt ID:	Q9ESK4
Cytogenetics:	8 B1.1



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Gene Summary:

Seems to be involved in p53/TP53 activation and p53/TP53-dependent apoptotic pathways, probably by enhancing acetylation of p53/TP53. Component of a mSin3A-like corepressor complex, which is probably involved in deacetylation of nucleosomal histones. ING2 activity seems to be modulated by binding to phosphoinositides (PtdInsPs) (By similarity).
[UniProtKB/Swiss-Prot Function]