

Product datasheet for **MR208776L4V**

Zkscan3 (NM_001145778) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Zkscan3 (NM_001145778) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Zkscan3
Synonyms:	2810435N07Rik; AA408594; AI132359; mszf35; Skz1; Zf47; Zfp-47; Zfp306; Zfp307
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001145778
ORF Size:	1662 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208776).
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_001145778.1 , NP_001139250.1
RefSeq Size:	2603 bp
RefSeq ORF:	1662 bp
Locus ID:	72739
UniProt ID:	Q91VW9
Cytogenetics:	13 A3.1



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Gene Summary:

Transcriptional factor that binds to the consensus sequence 5'-[GT][AG][AGT]GGGG-3' and acts as a repressor of autophagy. Specifically represses expression of genes involved in autophagy and lysosome biogenesis/function such as MAP1LC3B, ULK1 or WIPI2. Associates with chromatin at the ITGB4 and VEGF promoters (By similarity).[UniProtKB/Swiss-Prot Function]