Product datasheet for MR210894L4V

Zhx2 (NM_199449) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Zhx2 (NM_199449) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Zhx2
Synonyms:	Afr-1; Afr1; mKIAA0854; Raf
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_199449
ORF Size:	2511 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210894).
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_199449.2, NP_955520.1
RefSeq Size:	4392 bp
RefSeq ORF:	2511 bp
Locus ID:	387609
UniProt ID:	Q8C0C0
Cytogenetics:	15 24.01 cM

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Gene Summary:

Acts as a transcriptional repressor (PubMed:19515908). Represses the promoter activity of the CDC25C gene stimulated by NFYA (By similarity). May play a role in retinal development where it regulates the composition of bipolar cell populations, by promoting differentiation of bipolar OFF-type cells (PubMed:30146259). In the brain, may promote maintenance and suppress differentiation of neural progenitor cells in the developing cortex (PubMed:19515908).[UniProtKB/Swiss-Prot Function]