

Product datasheet for **MR225720L3V**

MIxip (NM_177582) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MIxip (NM_177582) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	MIxip
Synonyms:	AW228700; bHLHe36; Mir
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_177582
ORF Size:	1845 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225720).
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_177582.2 , NP_808250.1
RefSeq Size:	2649 bp
RefSeq ORF:	1845 bp
Locus ID:	208104
UniProt ID:	Q2VPU4
Cytogenetics:	5 F
Gene Summary:	Binds DNA as a heterodimer with MLX and activates transcription. Binds to the canonical E box sequence 5'-CACGTG-3'. Plays a role in transcriptional activation of glycolytic target genes. Involved in glucose-responsive gene regulation.[UniProtKB/Swiss-Prot Function]



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