

Product datasheet for **MR221852L3V**

Gsx2 (NM_133256) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Gsx2 (NM_133256) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gsx2
Synonyms:	Gsh-2; Gsh2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_133256
ORF Size:	915 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR221852).
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_133256.2 , NP_573555.1
RefSeq Size:	1665 bp
RefSeq ORF:	918 bp
Locus ID:	14843
UniProt ID:	P31316
Cytogenetics:	5 39.55 cM



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Gene Summary:

During telencephalic development, causes ventralization of pallial progenitors and, depending on the developmental stage, specifies different neuronal fates. At early stages, necessary and sufficient to correctly specify the ventral lateral ganglionic eminence (LGE) and its major derivatives, the striatal projection neurons. At later stages, may specify LGE progenitors toward dorsal LGE fates, including olfactory bulb interneurons (PubMed:19709628). Transcription factor that binds 5'-CNAATTAG-3' DNA sequence (PubMed:7619729).[UniProtKB/Swiss-Prot Function]