

Product datasheet for **MR225892L3V**

Atoh1 (NM_007500) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Atoh1 (NM_007500) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Atoh1
Synonyms:	bHLHa14; Hath1; MATH-1; Math1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_007500
ORF Size:	1053 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225892).
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_007500.4
RefSeq Size:	2118 bp
RefSeq ORF:	1056 bp
Locus ID:	11921
UniProt ID:	P48985
Cytogenetics:	6 30.03 cM



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Gene Summary:

Transcriptional regulator. Activates E box-dependent transcription in collaboration with TCF3/E47, but the activity is completely antagonized by the negative regulator of neurogenesis HES1. Plays a role in the differentiation of subsets of neural cells by activating E box-dependent transcription.[UniProtKB/Swiss-Prot Function]