

Product datasheet for **MR210675L3V**

Atxn1 (NM_009124) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Atxn1 (NM_009124) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Atxn1
Synonyms:	2900016G23Rik; Atx1; C85907; ENSMUSG00000074917; Gm10786; Sca1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_009124
ORF Size:	2376 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210675).
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_009124.2
RefSeq Size:	10599 bp
RefSeq ORF:	2376 bp
Locus ID:	20238
UniProt ID:	P54254
Cytogenetics:	13 21.98 cM



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Gene Summary:

Chromatin-binding factor that repress Notch signaling in the absence of Notch intracellular domain by acting as a CBF1 corepressor. Binds to the HEY promoter and might assist, along with NCOR2, RBPJ-mediated repression (By similarity). May be involved in RNA metabolism (By similarity). In concert with CIC and ATXN1L, involved in brain development (PubMed:28288114).[UniProtKB/Swiss-Prot Function]