

Product datasheet for **RC209250L2V**

ASCL2 (NM_005170) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ASCL2 (NM_005170) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ASCL2
Synonyms:	ASH2; bHLHa45; HASH2; MASH2
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_005170
ORF Size:	579 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209250).
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_005170.2 , NP_005161.1
RefSeq Size:	1864 bp
RefSeq ORF:	582 bp
Locus ID:	430
UniProt ID:	Q99929
Cytogenetics:	11p15.5
Protein Families:	Druggable Genome, Transcription Factors
MW:	20.2 kDa



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Gene Summary:

This gene is a member of the basic helix-loop-helix (BHLH) family of transcription factors. It activates transcription by binding to the E box (5'-CANNTG-3'). Dimerization with other BHLH proteins is required for efficient DNA binding. Involved in the determination of the neuronal precursors in the peripheral nervous system and the central nervous system. [provided by RefSeq, Jul 2008]