

Product datasheet for **RC203560L2V**

OTX1 (NM_014562) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	OTX1 (NM_014562) Human Tagged ORF Clone Lentiviral Particle
Symbol:	OTX1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_014562
ORF Size:	1062 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203560).
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_014562.2
RefSeq Size:	2872 bp
RefSeq ORF:	1065 bp
Locus ID:	5013
UniProt ID:	P32242
Cytogenetics:	2p15
Domains:	homeobox, TF_Otx
Protein Families:	Druggable Genome, Transcription Factors
MW:	37.3 kDa



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Gene Summary:

This gene encodes a member of the bicoid sub-family of homeodomain-containing transcription factors. The encoded protein acts as a transcription factor and may play a role in brain and sensory organ development. A similar protein in mouse is required for proper brain and sensory organ development and can cause epilepsy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015]