

Product datasheet for **RC202570L1V**

PITX1 (NM_002653) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PITX1 (NM_002653) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PITX1
Synonyms:	BFT; CCF; LBNBG; POTX; PTX1
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_002653
ORF Size:	942 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202570).
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_002653.3
RefSeq Size:	2383 bp
RefSeq ORF:	945 bp
Locus ID:	5307
UniProt ID:	P78337
Cytogenetics:	5q31.1
Protein Families:	Transcription Factors
MW:	34.1 kDa



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Gene Summary:

This gene encodes a member of the RIEG/PITX homeobox family, which is in the bicoid class of homeodomain proteins. Members of this family are involved in organ development and left-right asymmetry. This protein acts as a transcriptional regulator involved in basal and hormone-regulated activity of prolactin. [provided by RefSeq, Jul 2008]