

Product datasheet for **RC220375L3V**

ZIC3 (NM_003413) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ZIC3 (NM_003413) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ZIC3
Synonyms:	HTX; HTX1; VACTERLX; ZNF203
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_003413
ORF Size:	1401 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220375).
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_003413.2
RefSeq Size:	3939 bp
RefSeq ORF:	1404 bp
Locus ID:	7547
UniProt ID:	O60481
Cytogenetics:	Xq26.3
Protein Families:	Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS
MW:	50.6 kDa


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Gene Summary:

This gene encodes a member of the ZIC family of C2H2-type zinc finger proteins. This nuclear protein probably functions as a transcription factor in early stages of left-right body axis formation. Mutations in this gene cause X-linked visceral heterotaxy, which includes congenital heart disease and left-right axis defects in organs. [provided by RefSeq, Jul 2008]