

Product datasheet for **RC220721L3V**

GATA6 (NM_005257) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GATA6 (NM_005257) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GATA6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_005257
ORF Size:	1785 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220721).
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_005257.3
RefSeq Size:	3494 bp
RefSeq ORF:	1788 bp
Locus ID:	2627
UniProt ID:	Q92908
Cytogenetics:	18q11.2
Domains:	GATA, GATA-N
Protein Families:	Embryonic stem cells, ES Cell Differentiation/IPS, Transcription Factors
MW:	59.9 kDa



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Gene Summary:

This gene is a member of a small family of zinc finger transcription factors that play an important role in the regulation of cellular differentiation and organogenesis during vertebrate development. This gene is expressed during early embryogenesis and localizes to endo- and mesodermally derived cells during later embryogenesis and thereby plays an important role in gut, lung, and heart development. Mutations in this gene are associated with several congenital defects. [provided by RefSeq, Mar 2012]