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Product datasheet for RC208185L4V

ETV6 (NM_001987) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ETV6 (NM_001987) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ETV6
Synonyms:	TEL; TEL/ABL; THC5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001987
ORF Size:	1356 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208185).
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_001987.3
RefSeq Size:	5989 bp
RefSeq ORF:	1359 bp
Locus ID:	2120
UniProt ID:	P41212
Cytogenetics:	12p13.2
Domains:	ETS, SAM_PNT
Protein Families:	Druggable Genome, Transcription Factors

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Protein Pathways: Dorso-ventral axis formation

MW: 53 kDa

Gene Summary: This gene encodes an ETS family transcription factor. The product of this gene contains two functional domains: a N-terminal pointed (PNT) domain that is involved in protein-protein interactions with itself and other proteins, and a C-terminal DNA-binding domain. Gene knockout studies in mice suggest that it is required for hematopoiesis and maintenance of the developing vascular network. This gene is known to be involved in a large number of chromosomal rearrangements associated with leukemia and congenital fibrosarcoma. [provided by RefSeq, Sep 2008]