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Product datasheet for RC210502L3V

TFII I (GTF2I) (NM_033001) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TFII I (GTF2I) (NM_033001) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GTF2I
Synonyms:	BAP135; BTKAP1; DIWS; GTFII-I; IB291; SPIN; TFII-I; WBS; WBSCR6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_033001
ORF Size:	2931 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210502).
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_033001.2, NP_127494.1
RefSeq Size:	4466 bp
RefSeq ORF:	2934 bp
Locus ID:	2969
UniProt ID:	P78347
Cytogenetics:	7q11.23
Domains:	GTF2I
Protein Families:	Transcription Factors

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Protein Pathways: Basal transcription factors

MW: 110.1 kDa

Gene Summary: This gene encodes a phosphoprotein containing six characteristic repeat motifs. The encoded protein binds to the initiator element (Inr) and E-box element in promoters and functions as a regulator of transcription. This locus, along with several other neighboring genes, is deleted in Williams-Beuren syndrome. There are many closely related genes and pseudogenes for this gene on chromosome 7. This gene also has pseudogenes on chromosomes 9, 13, and 21. Alternatively spliced transcript variants encoding multiple isoforms have been observed. [provided by RefSeq, Jul 2013]