

## Product datasheet for RC229048L4V

## OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

## TFII I (GTF2I) (NM\_001163636) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

Product Name: TFII I (GTF2I) (NM 001163636) Human Tagged ORF Clone Lentiviral Particle

Symbol: TFII

Synonyms: BAP135; BTKAP1; DIWS; GTFII-I; IB291; SPIN; TFII-I; WBS; WBSCR6

**Mammalian Cell** 

Selection:

Puromycin

**Vector:** pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

**ACCN:** NM\_001163636

ORF Size: 2928 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC229048).

Sequence:

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:** <u>NM 001163636.1</u>

 RefSeq ORF:
 2931 bp

 Locus ID:
 2969

 UniProt ID:
 P78347

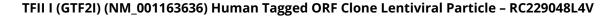
 Cytogenetics:
 7q11.23

**Protein Families:** Transcription Factors

**Protein Pathways:** Basal transcription factors

**MW:** 109.9 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]