

Product datasheet for **RC200773L4V**

TGF beta induced factor 2 (TGIF2) (NM_021809) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TGF beta induced factor 2 (TGIF2) (NM_021809) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TGF beta induced factor 2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021809
ORF Size:	711 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200773).
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_021809.5
RefSeq Size:	3415 bp
RefSeq ORF:	714 bp
Locus ID:	60436
UniProt ID:	Q9GZN2
Cytogenetics:	20q11.23
Protein Families:	Transcription Factors
MW:	25.9 kDa



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Gene Summary:

The protein encoded by this gene is a DNA-binding homeobox protein and a transcriptional repressor, which appears to repress transcription by recruiting histone deacetylases to TGF beta-responsive genes. This gene is amplified and over-expressed in some ovarian cancers. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 1. Read-through transcription also exists between this gene and the neighboring downstream C20orf24 (chromosome 20 open reading frame 24) gene. [provided by RefSeq, Dec 2010]