

## Product datasheet for **RC204138L4V**

### TAF10 (NM\_006284) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	TAF10 (NM_006284) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TAF10
Synonyms:	TAF2A; TAF2H; TAFI30
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006284
ORF Size:	654 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204138).
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. <a href="#">More info</a>
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:	<a href="#">NM_006284.2</a>
RefSeq Size:	834 bp
RefSeq ORF:	657 bp
Locus ID:	6881
UniProt ID:	<a href="#">Q12962</a>
Cytogenetics:	11p15.4
Domains:	TFIID_30kD
Protein Families:	Druggable Genome, Transcription Factors



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**Protein Pathways:** Basal transcription factors

**MW:** 21.7 kDa

**Gene Summary:** Initiation of transcription by RNA polymerase II requires the activities of more than 70 polypeptides. The protein that coordinates these activities is transcription factor IID (TFIID), which binds to the core promoter to position the polymerase properly, serves as the scaffold for assembly of the remainder of the transcription complex, and acts as a channel for regulatory signals. TFIID is composed of the TATA-binding protein (TBP) and a group of evolutionarily conserved proteins known as TBP-associated factors or TAFs. TAFs may participate in basal transcription, serve as coactivators, function in promoter recognition or modify general transcription factors (GTFs) to facilitate complex assembly and transcription initiation. This gene encodes one of the small subunits of TFIID that is associated with a subset of TFIID complexes. Studies with human and mammalian cells have shown that this subunit is required for transcriptional activation by the estrogen receptor, for progression through the cell cycle, and may also be required for certain cellular differentiation programs. [provided by RefSeq, Jul 2008]