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Product datasheet for RC213159L3V

TAF2 (NM_003184) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TAF2 (NM_003184) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TAF2
Synonyms:	CIF150; MRT40; TAF2B; TAFII150
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_003184
ORF Size:	3597 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213159).
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_003184.2, NP_003175.1
RefSeq Size:	5019 bp
RefSeq ORF:	3600 bp
Locus ID:	6873
UniProt ID:	Q6P1X5
Cytogenetics:	8q24.12
Domains:	Peptidase_M1
Protein Families:	Protease, Transcription Factors

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Protein Pathways: Basal transcription factors

MW: 136.8 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 larger subunits of TFIID that is stably associated with the TFIID complex. It contributes to interactions at and downstream of the transcription initiation site, interactions that help determine transcription complex response to activators. [provided by RefSeq, Jul 2008]