

Product datasheet for **RC207437**

TAF7 (NM_005642) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TAF7 (NM_005642) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TAF7
Synonyms:	TAF2F; TAFII55
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC207437 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTAAAGCAAAGATGATGCTCCTCACGAAGTGGAGAGCCAGTTTATCTTACGTCGCTCCAGAAT
ATGCCTCTACTGTGAGAAGGGCAGTACAGTCTGGTCATGTCAACCTCAAGGACAGACTGACAATTGAGTT
ACATCCTGATGGGCGTCATGGAATCGTCAGAGTGGACCGTGTCCATTGGCCTCAAATAGTAGACCTG
CCCTGTGTTATGAAAAGCTTGAAAACCATTGATAAAAAAACTTTTACAAGACAGCTGATATCTGTCAGA
TGCTTGTATCCACAGTTGATGGTATCTCTATCCTCCTGTGGAGGAGCCAGTTGCTAGCACTGATCCTAA
AGCAAGCAAGAAAAGGATAAAGGACAAAGAGAAAAGTTTATCTGGAACACGGAATTACTCTGCCTCTA
AAGAATGTCAGGAAGAGAAGGTTCCGGAAGACAGCAAAGAAGAAATATATTGAATCTCCAGATGTTGAAA
AAGAAGTGAACGATTGCTGAGTACAGATGCTGAAGCTGTTAGTACTCGGTGGGAAATAATTGCCGAAGA
TGAAACAAAGGAGGCAGAAAATCAAGGCCTGGATATCTCTTCCAGGAATGCTGGTCACAGGCAGGGC
CATGACTCATTAGAACATGATGAGCTTCGGGAGATATTCAATGACCTCAGCAGCAGCAGTGGAGTGAAG
ATGAGACCCAGCATCAAGATGAAGAAGATATAACATCATTGACACGGAGGAAGATCTGGAGAGACAGCT
ACAGGACAAGCTAAATGAATCAGATGAACAGCACCAGGAAAATGAAGGAACCAATCAGCTGGTTATGGGA
ATTCAGAAGCAGATTGACAACATGAAAGCAAGCTCCAAGAGACCCAGGACAGGGCAAAACGACAAGAGG
ATCTCATGAAAGTGAAAATCTGGCTCTCAAGAACAGATTTTCAAGGCTGTACTGGATGAGCTCAAACA
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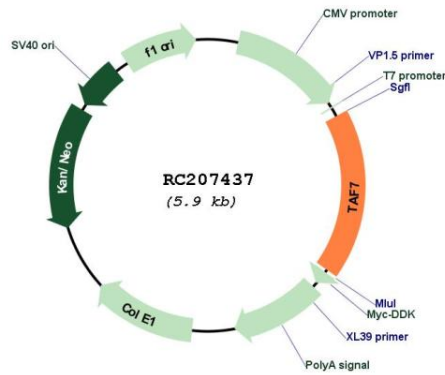
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



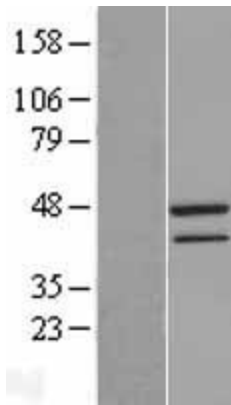
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Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_005642.3
RefSeq Size:	2310 bp
RefSeq ORF:	1050 bp
Locus ID:	6879
UniProt ID:	Q15545
Cytogenetics:	5q31.3
Domains:	TAFII55_N
Protein Families:	Transcription Factors
Protein Pathways:	Basal transcription factors
MW:	40.3 kDa
Gene Summary:	<p>The intronless gene for this transcription coactivator is located between the protocadherin beta and gamma gene clusters on chromosome 5. The protein encoded by this gene is a component of the TFIID protein complex, a complex which binds to the TATA box in class II promoters and recruits RNA polymerase II and other factors. This particular subunit interacts with the largest TFIID subunit, as well as multiple transcription activators. The protein is required for transcription by promoters targeted by RNA polymerase II. [provided by RefSeq, Jul 2008]</p>

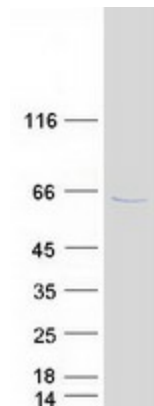
Product images:



Circular map for RC207437



Western blot validation of overexpression lysate (Cat# [LY417173]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC207437 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified TAF7 protein (Cat# [TP307437]). The protein was produced from HEK293T cells transfected with TAF7 cDNA clone (Cat# RC207437) using MegaTran 2.0 (Cat# [TT210002]).