

Product datasheet for **RC205422**

TEX47 (NM_152706) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TEX47 (NM_152706) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TEX47
Synonyms:	C7orf62
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC205422 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCTTTTCGGTCCATAACCAGAAGGGCAGCAAAAGGCCTTTGCCACTGGAACCTCTTCTTTTCTCC
AAGTCCCACGTAGCAATTACCTGCACTTTCAAGAAGAGAAACAACGACTACACCTAAAGAAATTCCTTCT
TGATAGGATGTTTCTAGTGGCCAAGATACAAGCAAAATGTAGAAAGAAAAGATGTTGCTGACTACTATGAA
CAAATGTTTCAGTCAGTTTTGAAACATCACCTAGGAGAAGCAGTGACAGGATTGCTGCTCATCTATCCCA
CTTCCATTCTGCATATCCTCGAGTCTCCAGCGACACTCTCTACAAAGTTCTTTTAGATTATATTGGCCA
TGTCAAAGATGAAACAGTATTTTTATTCAACAAATGAAAATTATAGTCATTTCTCATAACATTCCAATG
AGGCTTTTTATGCAATGGCATGTTTCAGTGATAAAAGTTCCAGTTATGTATCTCGACGATGTGACACAGT
CACAGTCCCTAAAGGAGGTCATCACAGATTTTCTCACACAACTCATAAACTGTCACTCTACCTTTGCCA
GACTATGAAAGTAGGCACTAAAGGACCAGGCGATAACTTACACCAAGTTGCACCTGACCTACTCCTCCCA
GAACAAATCATAAAGTACTTGTGCAATCCGAAGAATTCATGGACCCGGCAACATTTATAAATCATGTATA
ATAGACCCATACATCACTCTGGATTCTGAGGTGGTATGGCCTGCTCCTTCACGTTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC205422 protein sequence
 Red=Cloning site Green=Tags(s)

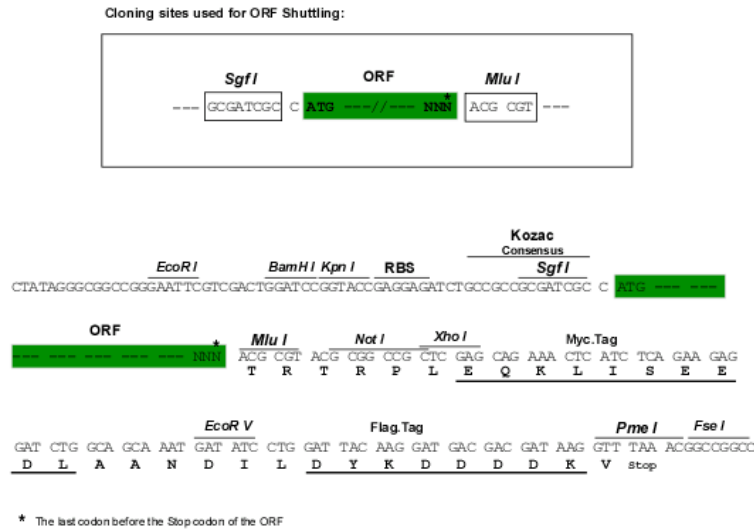
MSFSVHNQKGSKRPLPLEPLLFLQVPRSNYLHFQEEKQRLHLKKFLLDRMFLVAKIQANVERKDVADYYE
 QMFQSVLKHHLGEAVTGLLLIYPTSILHILESSDTLYKVLDDYIGHVKDETFFFIQQMKIIVISHNIPM
 RLFMQWHVSVIKVPVMYLDVTSQSLKEVITDFTLTQTHKLSLYLCQTMKVGTKGPGDNLHQVAPDLLLLP
 EQIIKYLCKSEEFMDPATFINMYNRPIHITLDSEVVWPAPSRF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6316_a02.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_152706

ORF Size: 759 bp

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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_152706.4

RefSeq Size: 1038 bp

RefSeq ORF: 762 bp

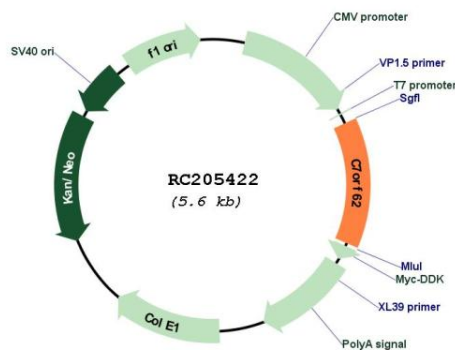
Locus ID: 219557

UniProt ID: Q8TBZ9

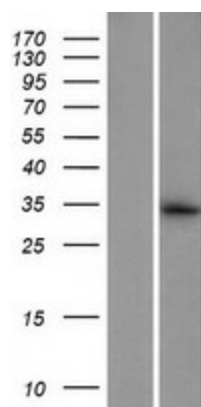
Cytogenetics: 7q21.13

MW: 29.5 kDa

Product images:



Circular map for RC205422



Western blot validation of overexpression lysate (Cat# [LY407349]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC205422 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).