

Product datasheet for RC213465

TEX43 (NM_207408) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TEX43 (NM_207408) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: TEX43
Synonyms: C5orf48; Tseg7
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC213465 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGGCTTCAGGAAAGATACTTGTCTACTTTGCCTAACTCACTAACAACTGCTCTGATGAGAGTCTCT
 ATAAATCTGCTAATAAGTATGAAGAGATTCATTTGCCACGATTTTCATTAAGCAAGGGATGATCCCAAG
 ACGTTATGTCATGCCTTGAAAGAAAACATGATATTCAGGAATGTGAATCTGAAGCAAGCAGAAGTGTGT
 GGGATCCATACTGGCCCTTTAGAAGACTCTCTGTTTTTGAATCACAGTAAAAGGCTTTGCCATGGGGAAG
 ATCGTAAAGTTGTCTTCCAAAAAGGCCACCAGAAATAAAAATTGCAGATATGCCTTTGCATTGCCTCT
 CTCAGATACCAAGACTGTGATTTCCCATGGCTTCAGGAGGCGACTAGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC213465 protein sequence
 Red=Cloning site Green=Tags(s)

MASGKDCPTLPKLTNNCSDESLYKSANKYEEIHLPRFSLKQGMIPRRYVMPWKENMIFRNVNLKQAEVC
 GIHTGPLEDSLFLNHSERLCHGEDRKVVFQKGPPEIKIADMPHLSPLSRYQSTVISHGFRRLV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6468_f10.zip

Restriction Sites: SgfI-MluI



[View online »](#)

Cloning Scheme:


ACCN: NM_207408

ORF Size: 402 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_207408.3](#)

RefSeq Size: 459 bp

RefSeq ORF: 405 bp

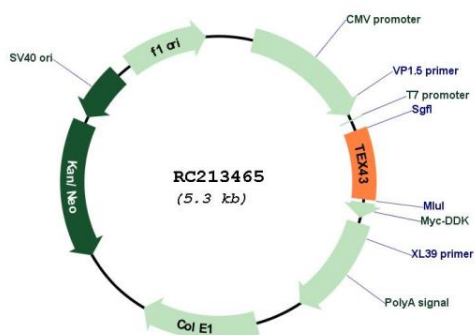
Locus ID: 389320

UniProt ID: [Q6ZNM6](#)

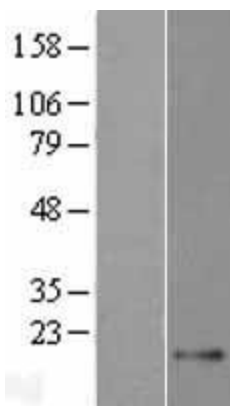
Cytogenetics: 5q23.2

MW: 15.5 kDa

Product images:



Circular map for RC213465



Western blot validation of overexpression lysate (Cat# [LY404014]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC213465 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).