

Product datasheet for **RC222388**

TEX55 (NM_152539) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TEX55 (NM_152539) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TEX55
Synonyms:	C3orf30; TSCPA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC222388 representing NM_152539
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGAGCCTCCGCAAGAGGCTCTGGCTGAACCTTGAACATGAAAGCCCAGCCGCTCCCTCAAGTG
 CTGGCCACACTAAGGGCCAGGAAGAAGACGACCAGAAGAACAGGCCGAAAGGAAGGCAGATAACCACAC
 TGCTCACAGAATAGCTGACCAGACTGCCCTAAGAGTGCCTAGCCAGGCTGAATCCAGCATATTTAGCCAA
 GCTACCAACGGAGTAGCTGAACAAAATGGGCATAGTACACCTGGTCAGGCTGGCCGAGAGCATCCAACC
 CTGCTGATGTTTCTGACCTTAGAGCAGATGATCAGGTTAATCAAACACCGTCTGAACAGACTAAAGGCAA
 GGCATCTAGCCAAGCTAATAATGTACAGCATGAACAGAGTGATGGTCAGGTGTCTGGCCTGACGGAGGAA
 AGAACTGCTGAACAGACTGAACGAAGATTACCTACCCAGGCTGAGAGAAGAACTTCTGGGCAGATTGATG
 GTAGACTGGCTATGCCATCTGACCAGAGAGGTTCCAGACAGACCGACCACAGAATGGCAGGCCAGTCTGA
 GAGAAGAGCTTCCGAGCAGATGGACCGCAGAATGTCTGGCGAGGCTGAGCGAAGAACTTCTGAGCAGATT
 ACACACAGATTATCCAACTATCTGAGAGAAGACCTTCTGTGCAGATTGACAGTGGGTCAATCCGTCCTCAT
 CTGACCAAAGTCCTTCTGTACAGATTGACAGTGGATCGTCCGTACCATCTGACCAAAGACCTTCCGTACA
 GATTGACCGCAGAATGTGAGGAAAGTTAGGAGAAGAAGTTCTGAGAAGACTGACTACAGATTGGCTGGC
 CTGGCTGACCCAGGAAGTTCTGAGCAGACTGACCTCAGATTGTATGGCCTCGTTGACCACAAAACATCTG
 TAAAGACTCACCACCAAGTGTACGGCCAAGCCACTGAAGTCTGAAACACCGGCTATTGACCAAGCTCA
 TAGTAATGCTGATCAACCTCCAGTTGACAATGCTCACTACACTGAATCTGACCAGACTGACCACTTAGCA
 GACAGACAAGCTAATCATAAAGACCAGCTGTCTTACTATGAAACACGTGGCCAGTCTGAAGACAGAATAT
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 TAGCCAAGTAGACCTCAATTCCAAGCCTTCAGTTGAAATGGAACTCAGAAATGCAACCACTATCCCACCC
 TACAACCCAGTTGATGCCAGATTACCAGTAACCTTCCAAGCAAAAGACCAAGCTCTTTTCCAAGACTCC
 CCTCCATCTTATCCAAATTGAACTATACCAGCAGTCAAGAAAAAACTCAAGCCATAGTAACCAAACTCTGA
 TGAATTTTCAGAAATTGACCAAGGAAAGGGTTATCATATACGCAATCAAACCTTATAGAAGGTTCCCTTCT
 ATAGTTTATGAAGATCCTTACCAAGTTTCACTCCAATACATGGAAAAACACCACATTCTGCAATATTCC
 AGCAGATTACTGAAAACTTAGTCTATGAAAAGCCAGAGGACCCCTGAATTTTATGCTGTGCCAGGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC222388 representing NM_152539
 Red=Cloning site Green=Tags(s)

MEEPPQEALAEPLKHESPAAPSSAGHTKGQEEDQKNQAERKADNHTAHRIADQALRVPSQAESSIFSQ
 ATNGVAEQNGHSTPGQAGRRASNPADVSDLRADDQVNPQTPSEQTKGKASSQANNVQHEQSDGQVSLTEE
 RTAEQTERRLPQAERRTSGQIDGRLAMPDQGRSRQTDHRMAGQSERRASEQMDRRMSGAEERRTSEQI
 THRLSKLSERRPSVQIDSGSSVPSDQSPSVQIDSGSSVPSDQRPVSQIDRRMSGKVRRRSSEKTDYRLAG
 LADPGTSEQTDLRLYGLVDHKTSVKTHHQVYGQATELAHQAIQAHNSADQPPVDNAHYTESDQTDHLA
 DRQANHDKQLSYETRGQSEDRIFPQLGNSKEDKEADYRVQPKFEDSQVDLNSKPSVEMETQNATTIPP
 YNPVDARFTSNFQAKDQALFRLPSILSKLNYTSSQEKTAIVTKSDEFSEIDQKGKGYHIRNQTYRRFPS
 IYVEDPYQVSLQYMEKHILQIFQQITENLVYEKPEDPLNFMLCQV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mg4070_c08.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_152539

ORF Size: 1608 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_152539.1](#), [NP_689752.1](#)

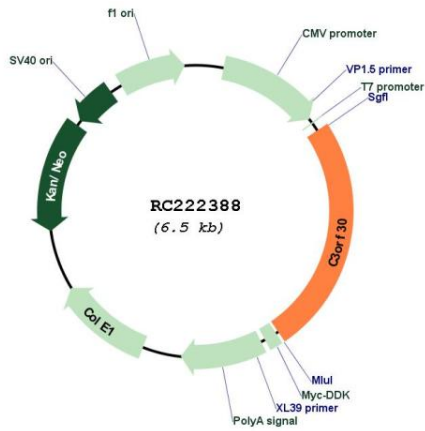
RefSeq Size: 1814 bp

RefSeq ORF: 1611 bp

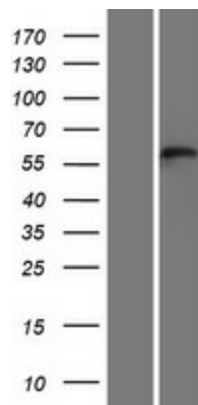
Locus ID: 152405

UniProt ID: [Q96M34](#)
Cytogenetics: 3q13.32
MW: 60 kDa

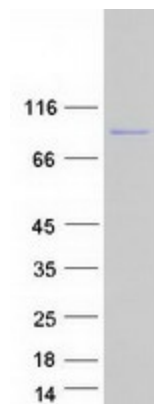
Product images:



Circular map for RC222388



Western blot validation of overexpression lysate (Cat# [LY407452]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC222388 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified TEX55 protein (Cat# [TP322388]). The protein was produced from HEK293T cells transfected with TEX55 cDNA clone (Cat# RC222388) using MegaTran 2.0 (Cat# [TT210002]).