

Product datasheet for **SC316233**

TCP11 (NM_001093728) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	TCP11
Synonyms:	D6S230E; FPPR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>SC316233 representing NM_001093728.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGACCCGCGCGGGGAGGAGGAGATACCATCAGCAAAATGCCAGACGTCAAGGAGAGTGTGCCCCCG
AAATATCCTGGCGACTCAGAGGGCAGGTCTGTAAAGCCGAAACCTCAGGACCCCCCAGGAAGACAAG
AGCGGCTCCGAGGACCCCCCTCCCTTTCTTCTGTACAGGTCTGACAGAAACCGTTAATGAAGTTTCC
AAGCTGAGCAACAAGATTGGGATGAATTGTGATTACTACATGGAAGAGAAGGTTTTACCTCCAAGCAGT
CTGGAAGGCAAGGTCAAGGAGACAGTGCACAATGCCTTTGGGACCATCTTAAGAGCAACTATCAGCA
ACTCCCCCTGACTTCAGCTGTGCTCTTGAACCTCTGAAAGAAATTAAGAGATCTTGCTATCACTGCTA
TTACCACGCCAGAACCGCTGAGAATTGAGATTGAAGAAGCTCTGGACATGGACTTGCTCAAGCAGGAG
GCAGAACATGGGGCCCTGAAAGTCTCTATCTCTAAGTACGTTCTCAACATGATGGCTTTGCTGTGT
GCACCATGTCGAGATGAAGCAGTGCAGAACTAGAAAACATTACGGATCCTGTTGGCTACTGAGAGGG
ATCTTCCAGGTTCTGGGCCGATGAAAATGGACATGGTGAACACTACTATCCAGAGCCTTCAACCCAC
CTGCAGGAACATTCATTCAAGTATGAACGGGCTAAATTCAGGAACTCCTCAATAAGCAGCCTAGTCTC
CTTAATCACACCACCAATGGCTGACCCAAGCAGCAGGAGACCTCACCATGTCACCTCCGACTTGCCCA
GACACTTCTGACTCCTCCAGTGTGGCTGGCCCCCTCTCCAATGAGGCAGCCAACAACCCAGAGCCCCCTC
AGCCCCACAATGGTGTGTGTGTCAGGGCTTCTTGAACCTCCTCTCTGGGACCTTGAAAATGAAGATTG
CCTGAGACCCTGCTGATGGACAGAACCCGCTGCAGGAGCTGAAGTCCCAGTTGCACCAAGTTAACCGTC
ATGGCCTCAGTCTTGTGTGGTGGCCAGTAGTTTCTCCGCGCAGTGTTTGTGGCTCACCCCAATTTGTA
GATAAACTGAAACGCATAACCAAAATCCTTGTGGAAGACTTCACTCCAGGCCTGAGGAAGCTATACTG
ACTGTGAGTGAACAGGTATCTCAGGAAATCCATCAAAGCCTCAAGAATATGGGCCTTGTGCTCTAAGC
AGTGATAATACAGCATCTCTAATGGGACAGCTCCAGAACATTGCCAAGAAGGAGAACTGTGTCTGCAGT
GTTATTGATCAGCGGATCCATTTGTTTCTCAAAATGCTGTTTGGTCTTGGTGTGCAGCGGTCTCTATTA
GACCTTCTGGAGGCCCTACTCTCATTGAAGCAGAACTGGCAGAACTGGGCCAAAAGTTTGTCAACTTG
ACACATCACAATCAGCAGGTGTTTGGTCCCTACTACACTGAGATCCTAAAACCCCTCATTTCACGAGCC
CAGGCACTGGAAACAAAAGTGAGTCTGTTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites:

Sgfl-MluI

ACCN:

NM_001093728

Insert Size:

1551 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation:

This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	<u>NM_001093728.2</u>
RefSeq Size:	1941 bp
RefSeq ORF:	1551 bp
Locus ID:	6954
UniProt ID:	<u>Q8WWU5</u>
Cytogenetics:	6p21.31
MW:	57.4 kDa
Gene Summary:	Plays a role in the process of sperm capacitation and acrosome reactions. Probable receptor for the putative fertilization-promoting peptide (FPP) at the sperm membrane that may modulate the activity of the adenylyl cyclase cAMP pathway.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (1).