

Product datasheet for **SC330719**

TCP11 (NM_001261818) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TCP11 (NM_001261818) Human Untagged Clone
Tag: Tag Free
Symbol: TCP11
Synonyms: D6S230E; FPPR
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330719 representing NM_001261818.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGACCCGCGCGGGGGAGGAGGAGTCTTTCTGTACAGGTCTGACAGAAACCGTTAATGAAGTTTCC
AAGCTGAGCAACAAGATTGGGATGAATTGTGATTACTACATGGAAGAGAAGGTTTTACCTCCAAGCAGT
CTGGAAGGCAAGGTCAAGGAGACAGTGCACAATGCCTTTTGGGACCATCTAAAGAGCAACTATCAGCA
ACTCCCCCTGACTTCAGCTGTGCTCTTGAACCTCTGAAAGAAATTAAGAGATCTTGCTATCACTGCTA
TTACCACGCCAGAACCGCTGAGAATTGAGATTGAAGAAGCTCTGGACATGGACTTGCTCAAGCAGGAG
GCAGAACATGGGGCCCTGAAAGTCTCTATCTCTAAGTACGTTCTCAACATGATGGCTTTGCTGTGT
GCACCAGTTTCGAGATGAAGCAGTGCAGAACTAGAAAACATTACGGATCCTGTTTGGCTACTGAGAGGG
ATCTTCCAGGTTCTGGGCCGGATGAAAATGGACATGGTGAACACTACTATCCAGAGCCTTCAACCCAC
CTGCAGGAACATTCATTGAGTGAACGGGCTAAATCCAGGAACCTCTCAATAAGCAGCCTAGTCTC
CTTAATCACACCACAAATGGCTGACCAAGCAGCAGGAGACCTCACCATGTCACCTCCGACTTGCCCA
GACACTTCTGACTCCTCCAGTGTGGCTGGCCCTCTCCAATGAGGCAGCCAACAACCCAGAGCCCTC
AGCCCCACAATGGTGTGTGTCAGGGCTTCTTGAACCTCCTTCTCTGGGACCTTGAAAATGAAGAGTTC
CCTGAGACCCTGCTGATGGACAGAACCCGGCTGCAGGAGCTGAAGTCCCAGTTGCACCAGTTAACCGTC
ATGGCCTCAGTCTTGTGGTGGCCAGTAGTTTCTCCGGCAGTGTGTTGTTGGCTCACCCCAATTTGTA
GATAAACTGAAACGCATAACCAAATCCTTGTGGAAAGACTTTCCTCCAGGCCTGAGGAAGCTATACTG
ACTGTGAGTGAACAGGTATCTCAGGAAATCCATCAAAGCCTCAAGAATATGGGCCTTGTGCTCTAAGC
AGTGATAATACAGCATCTCTAATGGGACAGCTCCAGAACATTGCCAAGAAGGAGAAGTGTGCTGCAGT
GTTATTGATCAGCGGATCCATTTGTTTCTCAAATGCTGTTTGGTCTTGGTGTGCAGCGGTCTCTATTA
GACCTTCTGGAGGCCTTACTCTCATTGAAGCAGAAGTGGCAGAAGTGGGCCAAAAGTTTGTCAACTTG
ACACATACAATCAGCAGGTGTTTGGTCCCTACTACACTGAGATCCTAAAAACCTCATTCCCCAGCC
CAGGCACTGGAACAAAAGTGGAGTCTGTTGA
  
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Restriction Sites: SgfI-MluI
ACCN: NM_001261818
Insert Size: 1413 bp



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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).
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:	<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:	<u>NM_001261818.1</u>
RefSeq Size:	1803 bp
RefSeq ORF:	1413 bp
Locus ID:	6954
UniProt ID:	<u>Q8WWU5</u>
Cytogenetics:	6p21.31
MW:	52.4 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 (4) lacks an exon in the 5' coding region, but maintains the reading frame, compared to variant 1. The encoded isoform (4) is shorter than isoform 1.