

Product datasheet for **SC330722**

TCP11 (NM_001261821) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TCP11 (NM_001261821) Human Untagged Clone
Tag: Tag Free
Symbol: TCP11
Synonyms: D6S230E; FPPR
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330722 representing NM_001261821.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGAATTGTGATTACTACATGGAAGAGAAGTTTTACCTCCAAGCAGTCTGGAAGGCAAGGTCAAGGAG
ACAGTGCACAATGCCTTTGGGACCATCTAAAGAGCAACTATCAGCAACTCCCCCTGACTTCAGCTGT
GCTCTTGAACCTCTGAAAGAAATTAAGAGATCTTGCTATCACTGCTATTACCACGCCAGAACCCTG
AGAATTGAGATTGAAGAAGCTCTGGACATGGACTTGCTCAAGCAGGAGGCAGAACATGGGGCCCTGAAA
GTCCTCTATCTCTAAGTACGTTCTCAACATGATGGCTTTGCTGTGTGCACCAGTTCGAGATGAAGCA
GTGCAGAAACTAGAAAACATTACGGATCCTGTTTGGCTACTGAGAGGGATCTCCAGTTCTGGGCCGG
ATGAAAATGGACATGGTGAACACTACTATCCAGAGCCTTCAACCCACCTGCAGGAACATTCCATTAG
TATGAACGGGCTAAATCCAGGAACCTCAATAAGCAGCCTAGTCTCCTTAATCACACCACCAATGG
CTGACCCAAGCAGCAGGAGACCTCACCATGTCACCTCCGACTTGCCAGACACTTCTGACTCCTCCAGT
GTGGCTGGCCCTCTCCAATGAGGCAGCCAACAACCCAGAGCCCTCAGCCCCACAATGGTGCTGTGT
CAGGGCTTCTTGAACCTCCTTCTCTGGGACCTTGAAAATGAAGAGTTCCTGAGACCCTGCTGATGGAC
AGAACCCGGCTGCAGGAGCTGAAGTCCCAGTTGCACCAGTTAACCCTCATGGCCTCAGTCTTGCTGGTG
GCCAGTAGTTTCTCCGGCAGTGTGTTTGGCTCACCCCAATTTGTAGATAAACTGAAACGCATAACC
AAATCCTTGTGGAAAGACTTTCACCTCCAGGCCTGAGGAAGCTATACTGACTGTGAGTGAACAGGTATCT
CAGGAAATCCATCAAAGCCTCAAGAATATGGGCCCTTGTGCTCTAAGCAGTGATAATACAGCATCTCTA
ATGGGACAGCTCCAGAACATTGCCAAGAAGGAGAAGTGTGCTGCAAGTGTATTGATCAGCGGATCCAT
TTGTTTCTCAAATGCTGTTGGTCTTGGTGTGCAGCGGTCTCTATTAGACCTTCTGGAGGCCCTACT
CTCATTGAAGCAGAAGTGGCAGAAGTGGGCCAAAAGTTTGTCACTTGACACATCACAATCAGCAGGTG
TTTGGTCCCTACTACTGAGATCCTAAAAACCCTCATTTCCCCAGCCAGGCACTGAAACAAAAGTG
GAGTCTGTTGA
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Restriction Sites: SgfI-MluI
ACCN: NM_001261821
Insert Size: 1323 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_001261821.1</u>
RefSeq Size:	2132 bp
RefSeq ORF:	1323 bp
Locus ID:	6954
UniProt ID:	<u>Q8WWU5</u>
Cytogenetics:	6p21.31
MW:	49.5 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 (7) has multiple differences, including the use of a downstream, in-frame start codon, compared to variant 1. Variants 6 and 7 encode the same isoform (6), which has a shorter N-terminus compared to isoform 1.