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Product datasheet for SC330718

TCP11 (NM_001261817) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: TCP11 (NM_001261817) Human Untagged Clone

Tag: Tag Free

Symbol: TCP11

Synonyms: D6S230E; FPPR

Vector: pCMV6-Entry (PS100001)

Fully Sequenced ORF:

>SC330718 representing NM_001261817.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGACCCGCGGCGGGGGAGGAGGAGATACCATCAGCAAAATGCCAGACGTCAAGGAGAGTGTGCCCCCG
AAATATCCTGGCGACTCAGAGGGCAGGTCCTGTAAGCCCGAAACCTCAGGACCCCCCCAGGAAGACAAG
AGCGGCTCCGAGGACCCCCCTCCCTGTCTGACAGAAACCGTTAATGAAGTTTCCAAGCTGAGCAACAAG
ATTGGGATGAATTGTGATTACTACATGGAAGAGAAGGTTTTACCTCCAAGCAGTCTGGAAGGCAAGGTC
AAGGAGACAGTGCACAATGCCTTTTGGGACCATCTTAAAGAGCAACTATCAGCAACTCCCCCTGACTTC
AGCTGTGCTCTTGAACTTCTGAAAGAAATTAAAGAGATCTTGCTATCACTGCTATTACCACGCCAGAAC
CGCCTGAGAATTGAGATTGAAGAAGCTCTGGACATGGACTTGCTCAAGCAGGAGGCAGAACATGGGGCC
CTGAAAGTCCTCTATCTCTCTAAGTACGTTCTCAACATGATGGCTTTGCTGTGTGCACCAGTTCGAGAT
GAAGCAGTGCAGAAACTAGAAAACATTACGGATCCTGTTTGGCTACTGAGAGGGATCTTCCAGGTTCTG
GGCCGGATGAAAATGGACATGGTGAACTACACTATCCAGAGCCTTCAACCCCACCTGCAGGAACATTCC
ATTCAGTATGAACGGGCTAAATTCCAGGAACTCCTCAATAAGCAGCCTAGTCTCCTTAATCACACCACC
AAATGGCTGACCCAAGCAGCAGGAGACCTCACCATGTCACCTCCGACTTGCCCAGACACTTCTGACTCC
TCCAGTGTGGCTGGCCCCTCTCCCAATGAGGCAGCCAACAACCCAGAGCCCCTCAGCCCCACAATGGTG
CTGTGTCAGGGCTTCTTGAACCTCCTTCTCTGGGACCTTGAAAATGAAGAGTTCCCTGAGACCCTGCTG
ATGGACAGAACCCGGCTGCAGGAGCTGAAGTCCCAGTTGCACCAGTTAACCGTCATGGCCTCAGTCTTG
CTGGTGGCCAGTAGTTTCTCCGGCAGTGTTTTGTTTGGCTCACCCCAATTTGTAGATAAACTGAAACGC
ATAACCAAATCCTTGTTGGAAGACTTTCACTCCAGGCCTGAGGAAGCTATACTGACTGTGAGTGAACAG
GTATCTCAGGAAATCCATCAAAGCCTCAAGAATATGGGCCTTGTTGCTCTAAGCAGTGATAATACAGCA
TCTCTAATGGGACAGCTCCAGAACATTGCCAAGAAGGAGAACTGTGTCTGCAGTGTTATTGATCAGCGG
ATCCATTTGTTTCTCAAATGCTGTTTGGTTCTTGGTGTGCAGCGGTCTCTATTAGACCTTCCTGGAGGC
CTTACTCTCATTGAAGCAGAACTGGCAGAACTGGGCCAAAAGTTTGTCAACTTGACACATCACAATCAG
CAGGTGTTTGGTCCCTACTACACTGAGATCCTAAAAACCCTCATTTCCCCAGCCCAGGCACTGGAAACA
AAAGTGGAGTCTGTTTGA

Restriction Sites: SgfI-MluI

ACCN: NM_001261817

Insert Size: 1536 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:	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:	NM_001261817.1
RefSeq Size:	1926 bp
RefSeq ORF:	1536 bp
Locus ID:	6954
UniProt ID:	Q8WWU5
Cytogenetics:	6p21.31
MW:	56.9 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 (3) uses an alternate splice site in the 5' coding region, but maintains the reading frame, compared to variant 1. The encoded isoform (3) is shorter than isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.