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Product datasheet for SC125933

TEX11 (NM_031276) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TEX11 (NM_031276) Human Untagged Clone
Tag:	Tag Free
Symbol:	TEX11
Synonyms:	MZIP4; SPGFX2; Spo22; TGC1; TSGA3; ZIP4; ZIP4H
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>OriGene sequence for NM_031276 edited
GTCCTCGTGCGCTGTGGACGGAGGTTGTGGAGAGAGCAGGGCGGCATTGGTGGCTGCGGC
TGAGGCTTGAGCCAGAGATTTAAAAATGGACAATGATGATTTTTTTTCCATGGACTTTAA
AGAAGTTGTTGAAAACCTGGTTACAAATGATAATTCACCTAACATACCAGAGGCAATTGA
TAGACTCTTCAGCGACATAGCAAATATCAACAGGGAGTCTATGGCTGAAATAACAGACAT
TCAGATTGAAGAAATGGCAGTAAACCTATGGAACTGGGCACTTACCATAGGAGGAGGTTG
GCTTGTAAATGAAGAGCAGAAAATTAGATTACATTATGTTGCTTGCAAGTTGCTGAGTAT
GTGTGAAGCCTCATTTGCCTCAGAACAAAGTATTCAACGACTGATTATGATGAATATGAG
AATAGGAAAAGAATGGTTGGATGCTGGAAATTTTCTAATCGCTGATGAATGTTTTCAAGC
TGCTGTGGCCAGTCTGGAGCAATTATACGTCAAATTAATTCAAAGGAGCTCCCCTGAGGC
TGACTTGACCATGGAGAAGATTACTGTTGAGAGTGACCACTTCAGAGTGCTTTCTTACCA
AGCAGAGTCAGCAGTTGCTCAAGGGGATTTTCAAAGAGCATCTATGTGTGTACTGCAATG
TAAAGATATGTTGATGAGGCTCCCCCAGATGACTTCAAGTCTTCATCATCTCTGTTACAA
CTTTGGAGTAGAAACCCAGAAGAATAATAAATATGAAGAAAGTTCTTTCTGGCTTAGCCA
AAGCTATGATATTGGGAAGATGGATAAGAAATCTACTGGGCCAGAAATGCTGGCTAAAGT
TCTACGGCTATTAGCCACGAATTATTTGGATTGGGATGACACCAAATATTATGATAAGGC
TCTCAATGCTGTAAACCTAGCAAACAAGGAACATTTAAGTTCTCCTGGGCTTTTCTTAAA
AATGAAAATCCTCTTGAAAGGCGAAACATCTAATGAAGAACTCCTTGAAGCTGTCATGGA
AATACTACATCTTGACATGCCCTTAGACTTCTGTCTGAACATTGCTAAACTGCTGATGGA
TCATGAAAGAGAATCTGTTGGGTTTCATTTCCTGACGATTATTCATGAACGTTTTAAGTC
ATCGGAAAATATTGGAAAAGTTCTGATACTCCATACTGACATGCTTTTACAAAGGAAGGA
AGAACTTCTTGCCAAGGAGAAGATTGAAGAAATCTTTTTAGCTCACCAAACAGGAAGACA
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TTTTGAGGTACAAAATTACACTGATGCCCTACAATGGTACTATTATTCTCTGAGGTTTTA
TTCAACTGATAAAATGGATCTGGACTTCACCAAGCTGCAGAGGAACATGGCTTGCTGTTA
CCTGAATTTGCAACAACTTGATAAGGCCAAAGAGGCAGTGGCAGAAGCTGAACGACATGA
CCCTAGGAACGTTTTCACTCAATTTTATATATTCAAGATTGCAGTCATAGAGGGCAACTC

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TGAAAGAGCTTTGCAGGCAATAATTACTTTAGAGAATATATTAACAGATGAAGAGTCAGA
AGATAATGATCTAGTTGCAGAGAGAGGTTCACCTACCATGCTTCTAAGTTTAGCTGCCCA
GTTTGCTCTAGAGAATGGACAACAAATTGTGGCAGAAAAAGCTTTGGAATATTTAGCTCA
ACATTCAGAAGACCAGGAACAAGTTCTTACAGCTGTAAAGTGTTTGCTTCGTTTTCTTCT
TCCAAAAATTGCTGAAATGCCGGAATCTGAAGATAAGAAGAAAGAAATGGATCGACTTTT
GACTTGCCTGAATAGAGCCTTTGTGAAACTTTCTCAGCCTTTTGGTGAAGAAGCCTTAAG
TTTGGAGTCAAGAGCTAATGAAGCTCAGTGGTTTCGAAAAACAGCTTGGAACTTGGCTGT
GCAATGTGACAAAGATCCAGTGATGATGAGAGAGTTTTTTATACTTTCTTATAAGATGTC
CCAGTTTTGTCCTTCTGATCAAGTAATTCTGATTGCACGGAAAACATGTTTACTTATGGC
AGTTGCAGTTGATCTAGAGCAAGGGAGAAAAGCTTCAACAGCTTTTGAACAGACCATGTT
CCTGAGTCGTGCACTTGAGGAGATCCAGACATGCAATGACATCCATAATTTCCTGAAACA
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TAGAGCCAAATTGAATGATCCATTACTGGAAAGCTTCCTGGAATCAGTGTGGGAGTTGCC
TCATTTAGAAACTAAAACATTTGAAACAATTGCAATAATAGCAATGGAAAAGCCTGCACA
CTATCCTTTGATTGCTCTCAAGGCCTTGAAAAAGGCTTTATTGCTCTACAAAAAGGAAGA
ACCAATTGATATATCACAATACAGCAAATGTATGCACAACTTGGTTAACCTCTCAGTGCC
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CGCTCTGAGCCACATTAGCCGCACTAAAGACTACCCAGAAATGGAGATTCTCTGGCTGAT
GGTCAAGTCCTGGAATACCGGAGTACTTATGTTTAGCAGGAGCAAGTATGCATCTGCTGA
AAAGTGGTGTGGCCTGGCCTTGCGTTTCCTTAACCACCTTACCTCCTTCAAGGAAAGCTA
TGAAACTCAGATGAATATGCTGTATAGTCAGCTTGTGGAAGCATTGAGTAACAACAAGGG
CCCAGTTTTTCATGAACATGGCTACTGGAGCAAGTCAGATTAGGCAAGCTCATGGCCACA
TGAAGAAGATACATTGTCCCGAGATGCTGACTGTTTAAATTTTTGCCAGAGTTTCTCTTG
AGCTTTTGTTTCTGTTTGCTCAGACCCTGTTTTCATGTTGTTGAATAAACTTTCTAAAAT
AAAAGCAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_031276 unedited
GTTGGATTGTATACGACTATTAGGCGGCGCTAATTCTATACTACTTATACAATTATGGAT
ACGCCAGGGGGGCGAGCTCGAATTCGTCGAGAGCGGGTCCTCGTGCGCTGTGGACGGAGG
TTGTGGAGAGAGCAGGGCGGCATTGGTGGCTGCGGCTGAGGCTTGAGCCAGAGATTTAAA
AATGGACAATGATGATTTTTTTTCCATGGACTTTAAAGAAGTTGTGGAGAACCTGGTTAC
AAATGATAATTCACCTAACATACCAGAGGCAATTGATAGACTCTTCAGCGACATAGCAAA
TATCAACAGGGAGTCTATGGCTGAGATAACAGACATTCAGATTGAAGAAATGGCAGTAAA
CCTATGGAACTGGGCACTTACCATAGGAGGAGGTGGGCTTGTAAATGAAGAGCAGAAAAT
TAGATTACATTATGTTGCTTGCAAGTTGCTGAGTATGTGTGAAGCCTCATTTGCCTCAGA
ACAAAGTATTCAACGACTGATTATGATGAATATGAGAATAGGAAAAGAATGGTTGGATGC
TGGAAATTTTCTAATCGCTGATGAATGTGTTCAAGCTGCTGTGGCCAGTCTGGAGCAATT
ATACGTCAAATTAATTCAAAGGAGCTCCCCTGAGGCTGACTTGACCATGGAGAAGATTAC
TGGTGAGAGTGACCACTTCAGAGTGCTTTCTTACCAAGCAGAGTCAGCAGTTGCTCAAGG
GGATTTTCAAAGAGCATCTATGTGTGTACTGCAATGTAAAGATATGTTGATGAGGCTGCC
CCAGGAGACTTCAAGTCTTCATCATCTCTGGTACAACTTTGGAGTAGAAACCCNGAGGAA
TAATAATATGAAGAAAGGTCTTTCTGGCTANCCAAAGCTATGATATTGGGGAGATGGATG
AAAAATCTACTGGGGCANAAATGCTGGCTAAAGT

Restriction Sites: NotI-NotI

ACCN: NM_031276

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_031276.2, NP_112566.2
RefSeq Size:	3029 bp
RefSeq ORF:	2778 bp
Locus ID:	56159
UniProt ID:	Q8IYF3
Cytogenetics:	Xq13.1
Gene Summary:	This gene is X-linked and is expressed in only male germ cells. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008] Transcript Variant: This variant (2) lacks an exon in the 5' region, as compared to variant 1. It uses an upstream in-frame AUG codon and encodes isoform 2 which has a shorter and distinct N-terminus, as compared to isoform 1.