

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_033085 unedited NAACGCCTGCATTTGTATACGACTTACTATAGGCGGCCGCATAACTTCGTATAGCATACA TTATACGAAGTTATGGATCATGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCGGAGAG GTGATTTTCTGAGTGTGACTCCTCTGTTCTGGCACCCCTGTGCATCCTTAGCCATAGCTT ACAAGAGAACAGCTGGTTGTGATGGCAGGAGGCCCTCCCAACACCAAGGCGGAGATGGAA ATGTCCCTGGCAGAAGAAGTGAATCATGGACGCCAAGGGGAAAACCAAGAGCACCTGGTG ATAGCAGAAATGATGGAGCTTGGATCTCGGTCCCAGGGTGCCTCCAGAGAAGAAGCAGAA TTGGAACAAAAAGCTGCTGGCTGCTTCCAGCCAAACGAGTTTGAATATGACTGCCACC CGACCCAAGAAAATGGGGTCCCAGCTGCCAAAGCCCAGAATGCTGAGAGAATCAGGCCAT GGGGATGCCCATCTCCAGGAGTACGCTGGCAATTTCCAAGGCATACGTTTCCATTATGAT CGCAACCCATGGACAGATGCAGTGGCGCAGACTAGCCTGGAAGAGTTCAATGACTGGAG ATGGAAGTCATGAGAAGACAGCTGTATGCAGTCAACCGGCGTCTGCGGCCCTGNAGGAA CAGGGCGCCACCTGGCGCCACAGGGAGACCCTGATCATCGCCGTGCTGGTGTGCGCCAGC ATTGCCAACCTGTGGCTGTGGATGAACAGTATCGCCCCAGCGGCCCTCCGTATTGGA GCCATCCCTGCTTCCCTTTCTTTCTTTCTTTCCCCAGCGGCCACTGCCCTTGGCCCTT TCATCTCCAGCAGCCCTCAAGAGCGTCAAGATCATTTTCAACTCTGGTTAGGCCTCTTA CTGGG
Restriction Sites:	Please inquire
ACCN:	NM_033085
Insert Size:	1089 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).
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:	NM_033085.2 , NP_149076.1
RefSeq Size:	1071 bp
RefSeq ORF:	552 bp
Locus ID:	89885
UniProt ID:	Q969F0
Cytogenetics:	Xq28
Protein Families:	Transmembrane

Gene Summary:

This gene encodes a cancer-testis antigen that is highly expressed in hepatocellular carcinomas and other tumors and weakly expressed in normal tissues except testis. The protein is strongly expressed in spermatogonia, primary spermatocytes, and Sertoli cells in seminiferous tubules. This protein may have a role in the control of early testicular differentiation and cell proliferation. [provided by RefSeq, Jan 2010]