

Product datasheet for **SC120954**

TSSC3 (PHLDA2) (NM_003311) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TSSC3 (PHLDA2) (NM_003311) Human Untagged Clone
Tag:	Tag Free
Symbol:	TSSC3
Synonyms:	BRW1C; BWR1C; HLDA2; IPL; TSSC3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_003311 edited CCGTCACCGCCCGCATTGCCGCTCCCAGTCCCAGTCCCAGTCCGGCAGCATGAAATCCCCCGA CGAGGTGCTACGCGAGGGCGAGTTGGAGAAGCGCAGCGACAGCCTCTTCCAGCTATGGAA GAAGAAGCGCGGGTGCTCACCTCCGACCGCCTGAGCCTGTTCCCGCCAGCCCCGCGC GCGCCCCAAGGAGCTGCGCTTCCACTCCATCCTCAAGGTGGACTGCGTGGAGCGCACGGG CAAGTACGTGTACTTACCATCGTCACCACCGACCACAAGGAGATCGACTTCCGCTGCGC GGGCGAGAGCTGCTGGAACGCGGCCATCGCGCTGGCGCTCATCGATTTCCAGAACCGCCG CGCCCTGCAGGACTTTCGAGCCGCCAGGAACGCACCCGCCCGCCAGCCCGCCGAGGA CGCCGTGGCTGCCGCGGCCGCCACCCTCCGAGCCCTCGGAGCCCTCCAGGCCATCCCC GCAGCCAAACCCCGCACGCCATGAGCCCGCCCGGGCCATACGCTGGACGAGTCGGACC GAGGCTAGGACGTGGCCGCGCTCTCCAGCCCTGCAGCAGAAGAACTTCCCGTGC GCGCG GATCCTCGCTCCGTTGCACGGGCGCCTTAAGTTATTGGACTATCTAATATCTATGATTT ATTTGCTGGTTCTTTGTAGTCACATATTTTATAGTCTTAATATCTTGTTTTGCATCAC TGTGCCATTGCAATAAATCACTTGGCCAGTTTGCTTTTCTACCAAAAAAAAAAAAAA AAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_003311 unedited AAAACCCTTCGGGATTTGTNATACGACTTACTATAGGGCGGCCGCAATTCGCACGAGG CCGTCACCGCCCGCATTGCCGCTCCCAGTCCCAGCGCTCGGCACGACATGAAATCCCCGA CGAGGTGTACGCGAGGGCGAGTTGGAGAAGCGCAGCGACAGCCTCTTCCAGCTATGGAA GAAGAAGCGCGGGGTGCTCACCTCCGACCGCTGAGCCTGTTCCCCGCCAGCCCCGCGC GCGCCCCAAGGAGCTGCGCTTCCACTCCATCCTCAAGTGAGCTGCGTGGAGCGCACGGG CAAGTACGTGTACTTACCATCGTCACCACCGACCACAAGGAGATCGACTTCGCTGCGC GGGCGAGAGCTGCTGGAACCGGCCATCGCGCTGGCGCTCATCGATTTCCAGAACCGCCG CGCCTGCAGGACTTTCGAGCCGCCAGGAACGCACCGCACCCGCGCACCCGCCGAGGA CGCCGTGGCTGCCGCGGCCGCCACCCTCCGAGCCCTCGGAGCCCTCCAGGCCATCCCC GCAGCCAAACCCCGCACGCCATGAGCCCGCCGCGGCCATACGCTGGACGAGTCGGACC GAGGCTAGGACGTGGCCGGCGCTCTCCAGCCCTGCAGCAGAAGAAGTCCCGTGCAGCGC GATCCTCGCTCCGTTGCACGGCGCCTTAAGTTATTGGACTATCTAATATCTATGATTTT ATTTTCGCTGGTTCTTTGTAGTCACATATTTTATAGTCTTAATATCTTGTTTTGCATCAC TGTGCCATTGCAAATAAATCACTTGGCCAGTTTGCTTNTCTACCAAAAAAAAAANAAAA AAACTCGACTCA
Restriction Sites:	Please inquire
ACCN:	NM_003311
Insert Size:	784 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_003311.3 , NP_003302.1
RefSeq Size:	937 bp
RefSeq ORF:	459 bp
Locus ID:	7262
UniProt ID:	Q53GA4
Cytogenetics:	11p15.4
Protein Families:	Druggable Genome

Gene Summary:

This gene is located in a cluster of imprinted genes on chromosome 11p15.5, which is considered to be an important tumor suppressor gene region. Alterations in this region may be associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. This gene has been shown to be imprinted, with preferential expression from the maternal allele in placenta and liver. [provided by RefSeq, Oct 2010]