

Product datasheet for SC305250

TSGA10 (NM_025244) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TSGA10 (NM_025244) Human Untagged Clone
Tag:	Tag Free
Symbol:	TSGA10
Synonyms:	CEP4L; CT79; SPGF26
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_025244 edited

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GTCGAGAGCGGGGTGCGCTGCGCGGCGGATGGGCCAGGAAGGGTCCCTCCTAGGT
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TGGAACAGGCATCAAGACAGTGTACTGAGGCCCTAATTGTGTGTGAACAAGACGTTTCCA
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 TCTATCCATGCAGTGATAGTGAGTGATAAATCTGCTTACTTCACTATTGAACACTATTAT
 GTTCACTATCTGGAGTAAATAAAGAAGCTTATTTAAACAGAAAAA

Restriction Sites:	Please inquire
ACCN:	NM_025244
Insert Size:	3100 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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to contain one SNP compared with NM_025244.1.
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:	<u>NM_025244.1</u> , <u>NP_079520.1</u>

RefSeq Size: 3044 bp

RefSeq ORF: 2097 bp

Locus ID: 80705

UniProt ID: [Q9BZW7](#)

Cytogenetics: 2q11.2

Gene Summary: Plays a role in spermatogenesis (PubMed:28905369). When overexpressed, prevents nuclear localization of HIF1A (By similarity).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1). Variants 1-3 encode the same isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.