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Product datasheet for SC321313

Testin (TES) (NM_015641) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Testin (TES) (NM_015641) Human Untagged Clone
Tag:	Tag Free
Symbol:	Testin
Synonyms:	TESS; TESS-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

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>OriGene sequence for NM_015641.2
GGCCGCAGGCCCGCTGCGGCGGACTGGGCGGCGGAAGTTCGACGGCGCCGGGCGAGTGGC
TGTTGAGCGGCGCCGCGGGAGTTCCGCAGGTTTCCCGTGTTCGCAGCGGAGCCGGAGGCC
AGCTGAACCCGGCCGTGGGATCCCGGATAGGAGGAGGAGGGGACCCATAGGACGCGTTAA
CATGGACCTGGAAAACAAAGTGAAGAAGATGGGCTTAGGTCACGAGCAAGGATTTGGAGC
CCCTTGTTTAAAATGCAAAGAAAAATGTGAAGGATTCGAACTGCACTTCTGGAGAAAAAT
ATGTCGTAACTGCAAGTGTGGCCAAGAAGAGCATGATGTCCTCTTGAGCAATGAAGAGGA
TCGAAAAGTGGGAAAACTTTTTGAAGACACCAAGTATACCACTCTGATTGCAAAACTAAA
GTCAGATGGAATTCCCATGTATAAACGCAATGTTATGATATTGACGAATCCAGTTGCTGC
CAAGAAGAATGTCTCCATCAATACAGTTACCTATGAGTGGGCTCCTCCTGTCCAGAATCA
AGCATTGGCCAGGCAGTACATGCAGATGCTACCCAAGGAAAAGCAGCCAGTAGCAGGCTC
AGAGGGGGCACAGTACCGGAAGAAGCAGCTGGCAAAGCAGCTCCCTGCACATGACCAGGA
CCCTTCAAAGTGCCATGAGTTGTCTCCCAGAGAGGTGAAGGAGATGGAGCAGTTTGTGAA
GAAATATAAGAGCGAAGCTCTGGGAGTAGGAGATGTCAAACTTCCCTGTGAGATGGATGC
CCAAGGCCCCAAACAAATGAACATTCCTGGAGGGGATAGAAGCACCCCAGCAGCAGTGGG
GGCCATGGAGGACAAATCTGCTGAGCACAAAAGAACTCAATATTCCTGCTATTGCTGCAA
ACTGAGTATGAAAGAAGGTGACCCAGCCATCTATGCCGAAAGGGCTGGCTATGATAAACT
GTGGCACCCAGCTTGTTTTGTCTGCAGCACCTGCCATGAACTCCTGGTTGACATGATTTA
TTTTTGGAAGAATGAGAAGCTATACTGTGGCAGACATTACTGTGACAGCGAGAAACCCCG
ATGTGCTGGCTGTGACGAGCTGATATTCAGCAATGAGTATACCCAGGCAGAAAACCAGAA
TTGGCACCTGAAACACTTCTGCTGCTTTGACTGTGATAGCATTCTAGCTGGGGAGATATA
CGTGATGGTCAATGACAAGCCCGTGTGCAAGCCCTGCTATGTGAAGAATCACGCTGTGGT
GTGTCAAGGATGCCACAATGCCATCGACCCAGAAGTGCAGCGGGTGACCTATAACAATTT
CAGCTGGCATGCATCCACAGAGTGCTTTCTGTGCTCTTGCTGCAGCAAATGCCTCATTGG
GCAGAAGTTCATGCCAGTAGAAGGGATGGTTTTCTGTTCAGTGGAATGTAAGAAGAGGAT
GTCTTAGGAGGAGGGCACCCAGAAGTATCGAGCCATAGCTATCCAAAGTGGTCTGCATTT
CTACTGTAAAATGCAATTTGAAAAAAATAAAACGCAAAAAAAGAAACTGTAAAAAAAAAA
AAAAAAAA
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Restriction Sites: Please inquire

ACCN: NM_015641

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: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_015641.2, NP_056456.1
RefSeq Size:	2766 bp
RefSeq ORF:	1266 bp
Locus ID:	26136
UniProt ID:	Q9UGI8
Cytogenetics:	7q31.2
Domains:	LIM
Gene Summary:	Cancer-associated chromosomal changes often involve regions containing fragile sites. This gene maps to a commom fragile site on chromosome 7q31.2 designated FRA7G. This gene is similar to mouse Testin, a testosterone-responsive gene encoding a Sertoli cell secretory protein containing three LIM domains. LIM domains are double zinc-finger motifs that mediate protein-protein interactions between transcription factors, cytoskeletal proteins and signaling proteins. This protein is a negative regulator of cell growth and may act as a tumor suppressor. This scaffold protein may also play a role in cell adhesion, cell spreading and in the reorganization of the actin cytoskeleton. Multiple protein isoforms are encoded by transcript variants of this gene.[provided by RefSeq, Mar 2011] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform.