

Product datasheet for SC110360

Testin (TES) (NM_152829) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Testin (TES) (NM_152829) Human Untagged Clone
Tag:	Tag Free
Symbol:	Testin
Synonyms:	TESS; TESS-2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC110360 sequence for NM_152829 edited (data generated by NextGen Sequencing)

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ATGGGCTTAGGTCACGAGCAAGGATTTGGAGCCCCTTGTTTAAAAATGCAAAGAAAAATGT
GAAGGATTCGAACTGCACTTCTGGAGAAAAATATGTCGTAAGTCAAGTGTGGCCAGAA
GAGCATGATGTCCTCTTGAGCAATGAAGAGGATCGAAAAGTGGGAAAACCTTTTGAAGAC
ACCAAGTATACCACTCTGATTGCAAACTAAAGTCAGATGGAATCCCATGTATAAACGC
AATGTTATGATATTGACGAATCCAGTTGCTGCCAAGAAGAATGTCTCCATCAATACAGTT
ACCTATGAGTGGGCTCCTCTGTCCAGAATCAAGCATTGGCCAGGCAGTACATGCAGATG
CTACCCAAGGAAAAGCAGCCAGTAGCAGGCTCAGAGGGGGCACAGTACCGGAAGAAGCAG
CTGGCAAAGCAGCTCCCTGCACATGACCAGGACCCTTCAAAGTGCCATGAGTTGTCTCCC
AGAGAGGTGAAGGAGATGGAGCAGTTTGTGAAGAAATATAAGAGCGAAGCTCTGGGAGTA
GGAGATGTCAAACCTTCCCTGTGAGATGGATGCCAAGGCCCAACAAATGAACATTCCT
GGAGGGGATAGAAGCACCCAGCAGCAGTGGGGGCCATGGAGGACAAATCTGCTGAGCAC
AAAAGAACTCAATATTCCTGCTATTGCTGCAAACTGAGTATGAAAGAAGGTGACCCAGCC
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GGCAGACATTACTGTGACAGCGAGAAACCCGATGTGCTGGCTGTGACGAGCTGATATTC
AGCAATGAGTATACCCAGGCAGAAAACCCAGAAATGGCACCTGAAACACTTCTGCTGCTTT
GACTGTGATAGCATTCTAGCTGGGGAGATACGTGATGGTCAATGACAAGCCCGTGTGC
AAGCCCTGCTATGTGAAGAATCACGCTGTGGTGTGTCAAGGATGCCACAATGCCATCGAC
CCAGAAGTGCAGCGGGTGACCTATAACAATTTAGCTGGCATGCATCCACAGAGTGCTTT
CTGTGCTCTTGCTGCAGCAAAATGCCTCATTGGGCAGAAAGTTCATGCCAGTAGAAGGGATG
GTTTTCTGTTCAAGTGAATGTAAGAAGAGGATGTCTTAG
  
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Clone variation with respect to NM_152829.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_152829 unedited
 CAGTATTATGTAATACGACTTCACTATAGGGCGGCCGCAATTTCGCACGAGGGCGGCGGA
 AGTTTCGACGGCGCCGGGCGAGTGGCTGTTGAGCGGCGCCGCGGAGTTCCGCAGGTTTCC
 CGTGTTTCGACGGGAGCCGGAGGCCAGCTGAACCCGGCCGTGGGATCCCGGATAGGAGGA
 GGAGGGGACCCATAGGACGCGTTAACATGGACCTGGAACAAAGTGAAGAAGATGGGCT
 TAGGTCACGAGCAAGGATTTGGAGCCCCCTGTTTAAAAATGCAAGAAAAATGTGAAGGAT
 TCGAACTGCACCTTCTGGAGAAAAATATGTCGTAAGTCAAGTGTGGCCAAGAAGAGCATG
 ATGTCCTCTTGAGCAATGAAGAGGATCGAAAAAGTGGGAAAACTTTTGAAGACACCAAGT
 ATACCACTCTGATTGCAAACTAAAGTCAGATGGAATTCCTATGTATAACGCAATGTTA
 TGATATTGACACAATCCAGTTGCTGCCAAGAAGAATGTCTCCATCAATACAGTTACCTAT
 GAGTGGGCTCCTCTGTCCAGAATCAAGCATTGGCCAGGCAGTACATGCAGATGTACCC
 AAGGAAAAGCAGCCAGTAGCATGCTCAGAGGGGGCAGTACTCGAAGAAGCAGCTGGCA
 AAGCAGCTCCCTGCATGACCAGGACCCTTCAAAGTCCCATGAGTTGTCTCCAGAGAG
 GTGAAGGAGATGGAGCAGTTTGTGAAAGAATATTAGAGCGAAGCTCTGGGAGTACGAGAT
 GTCAAACCTTCTGTGAGATGTATGCCNCAAGCCCCAAACAATGAACATTTCTGNNAGGG
 ATTAGAACANCCANCACAGTGGGGGCCATGGATGACCAATTCTTGAGCACAAAAGACT
 CCATAATCCTGCTATTGTGCAACTGAGCTTGAAGGAGGTGACCCACCCATTNTTGCC
 CAAAGGCCTTGCTATGATAACCTNTGCG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_152829 unedited
 GGTTCAGCTAGGAACCGCGCCGAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTTTT
 TTATTAAGTGAAGAACTTTATTTTGTAGTAATATACATATCATTATTCCATTAAATT
 TTCATAGTGCATAGCTATGTGTAGAAGTACACAGGGAAGAATAAACATTAGAAATACCTA
 GCCATGAAATATACAAGTGAAGACATTTGATATATCCATGGACAGGCTTGGAAGTATTA
 TAAACAGGATCCATTAGGAAAGAATAAAACCATGCAAAAAAACTTTATCTAAATCAT
 GGCAGGCAAGTGAATCAATATAAATCATAGTCTCTGGGTACAAAACTATACATGTTCT
 TTGGATTAAGCAAAATGGGTGGCTTGGCTTTATGTCCAAGCCAAAAATCATCTATACA
 AGTAAAAAGTGTGTGGGTGAGGCATGGTGGCTCCACACCTGTATCCCAGCACTTTGGG
 AGGCCAAGGCAGGCGGATCATCTGAGGTGAGGAGTTTGTAGACAGCCTGGCTAACATGGT
 GAAAACCTGTCTCTACTAAAAATACAAAAATTAGCTGGGTGTGGTGGCATGCACCTGTAA
 TCCCAGCTATTTGGGAGGCTGAGGCAGGAGAATTGCTCAAAATAAAAAATAAATAA
 AGAACTAAAAAGTGTGGATACTGTTATGCCACATGTGATAATAAATATTCAAGGCCACA
 GATGCAAGTCACCAACTTTACAAGAGAATACTGAAGGTAGGGTACATTAAAAAATANAG
 AAATGCANTAAAGAANATGCCACCTCTGCCNTAATCAGGAAAGAGTAAATGCATAGGCAT
 TAAACAGCAGCTCTGCATACTACACTGCATTTTCTCTTTGTCAAAAAGATTCACTGTGT
 ATCATTTACAAGGTCAGTGAATAAAC

Restriction Sites:

NotI-NotI

ACCN:

NM_152829

Insert Size:

2750 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:

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_152829.1](#), [NP_690042.1](#)

RefSeq Size: 2603 bp

RefSeq ORF: 1239 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 common 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 (2) contains an alternate in-frame exon in the 5' UTR and uses a downstream start codon, compared to variant 1. Thus isoform 2 is nine amino acids shorter than isoform 1.