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Product datasheet for SC213278

TOX3 (NM_001146188) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TOX3 (NM_001146188) Human 3' UTR Clone
Symbol:	TOX3
Synonyms:	CAGF9; TNRC9
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001146188
Insert Size:	2000 bp

View online »

Insert Sequence:

>SC213278 3'UTR clone of NM_001146188
The sequence shown below is from the reference sequence of NM_001146188. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAAGTATTATCGCAGGTCAGTATTTTCTGAAGACGCATATGGCAGACGGATTTGCGTATACCAAGGAGA
GTGGCATAGGAGGGAAAAGCATATGTGGCTGAAACCTGTAAGTTGGTGTTGGTTATGCAGAAATGTGTA
ACAGATCAAACGGTCCTCTCAAGTGTCTATTAGATAGGCAATAAGAACTGCAGTGTAGCTGAGTAACAT
CTTTTAGCTGACTATAAATCACTTTGTTTTTAAACAAGAAAAGCTGTGCTCTTTTATGTGATGCCTTTT
TTATTTATTCAGGCTATACCTACAATATGTGAATCAAACTGTTTAATGAATCCTGGGACATACTGATGA
CTATAAACTGGCCTCTCTGAGTCATAGAAAAATGGCCTTATTTCTCCAGAAGTGAGTAAACCACACTTC
CAGGCTATCTGAACTCCTGAAGCCCTAAAAATAAAAAGCACAGTTGTAACTACCTGAAATATGAAGATC
CAGTTTCATACAAACATTTGTATGACGTGAATAGTTGATGGCATTTTTTTGTCATGAAAAAAATAATGT
AAATCACAGACTTTTGCCAAAGCTCTTATTTTTTTTCCTAAATCTCTCCAGAAAAAAAATGCAAGTGAC
TAAATTCAATTATTGACTAATTTCCACTTTTTATCCATGACTTCTCCAAATCAAACCACAGTATATGTT
GTAACAATATCTATGACCACTGTTAGCCCATTATATTCATTCCAATTAGAAGAAATGTGAATACTATAT
TCCGTGTTTTGAGTGACAAGTTTCGAAAAATAAAAACACTGTATTTTTAAAAGGGAAATGCACTTAAAT
GAAAACAGTTATTACAAAAGTTAAGATTTAAAAAGAAAAAGCAAGAGTTTTTATTATGATGTAATACCA
GTAGAATATTTAAAAGGCACACCACATCTGAATAATCAATGTAAATATTTTCTTTCAAAGTTGTAAGTT
TTCATATCATGTGCTGTAAAGTTTTCCTAAATGAGGCTTTAACGTAAACACTGGTGACATAAACCATTC
ATTGCTACGTTGCTTATTGTGTTTTTATGCTGTTTTATACTTTTTTATGAGTTATGATAGCAGCAATTA
AGTTGTTTGTATTTTGCTTAACTAAAACAAAAATGCTTTTATCTTGCTATAGAATAAACACATTTCAGT
AAAAACTGTGGACTGTATTTTGATGCAACAACAAAGAAACTGTTCACTTTTCAAATAAAATGATATGTC
AGATTTCATTTTTGGTTCCTTGAATACATGTAAGATGGGGAAATATGCCACATACCAAGTTTCGTTTTA
GCCCAAACATCATCTTCCATTTTTCAATTGGAAATATGATATTTATGGCCAAGAATATGCATTGCATAG
CCTGAAATGAAGATCCTTGAAAAAACCAAAACAACGCATTGGAAATATTTGTGTAATTGTCTTTTTTTT
TTTTTTTTTTTTTTTTAAGATGCAAGTACAAGGTAAGTATAGAGAAAAAAGTAATCGCTTTTTTGAGGG
GGCTAGAACTAGCTGGGTATTGTAATGTTATTGCGATTAAAATAGATGGTGAATGCTAATTCTTAAGCC
AAAATAATTATTTCGGTGCCCATTTATTCCCCCCTTTTCTTGCTCTGTAGCGGTTCCTCTTTGAGAGCA
GTGTGACCACTATCCCCAGTTGTCTTGCATGATTAATTACAGCATCTGTCCTGTCAGAAGCTATAATGA
AGAGGTCTTGATAAAAATTGCAAATTACCACTGGCAACAGTCTTAAACTGCTTATGATAAAATGAAAAT
TAAAAACAGCAAGTGTCAACCCTGACCAGAATCCTAATCTGGAAAGAATGAGGGTGTGCGTGGTGCGCT
CCACAGCTACTATGTGCAAGACATTCAAAAATAATGGAATATGGATCCCTCAAAGTTGTTGTATTTCAG
AGATTATTTACTGTATGTTGTGGGTTATGAATAATGAATTCAGCTTTCAATATTTCATAATCCTCTCC
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: NM_001146188.2

Summary:	The protein encoded by this gene contains an HMG-box, indicating that it may be involved in bending and unwinding of DNA and alteration of chromatin structure. The C-terminus of the encoded protein is glutamine-rich due to CAG repeats in the coding sequence. A minor allele of this gene has been implicated in an elevated risk of breast cancer. Two transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Apr 2009]
Locus ID:	27324
MW:	76.9