

## Product datasheet for SC211724

### TEM8 (ANTXR1) (NM\_018153) Human 3' UTR Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | 3' UTR Clones  |
| Product Name:             | TEM8 (ANTXR1) (NM_018153) Human 3' UTR Clone   |
| Symbol:                   | TEM8   |
| Synonyms:                 | ATR; GAPO; TEM8  |
| Mammalian Cell Selection: | Neomycin   |
| Vector:                   | pMirTarget (PS100062)  |
| ACCN:                     | NM_018153  |
| Insert Size:              | 1032 bp  |
| Insert Sequence:          | >SC211724 3'UTR clone of NM_018153<br>The sequence shown below is from the reference sequence of NM_018153. The complete sequence of this clone may contain minor differences, such as SNPs.<br><b>Blue</b> =Stop Codon <b>Red</b> =Cloning site |

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGCCCCACAACAGCTGCTTGCATGGAATAGCAGAGAATACCGCCTGCTCCCTCCGGACAGCACACTCCT
GAAAACGGGGAGAGAGGAGGCCAAACATGCTCGGTTTACACTTTCTTATTACTGAATGAGTGGAGGGC
AGAGACAGGCCTGGAGTTACGCACACTGAGTGCCCAACATGGAAAGAAACATCAGGAGGGACAGGAAA
CGTTCCCTCCTTAACCAACAGTTTTCAAGACCTTACTGGAGGCACTTTATTGGCTACATAATCACTCCA
TGCGGTGGGCATCAGGCAGAATCCTGGTGCAGACCCAACCTTTGAGGTGGAGGATTTACAGTTTCTTTA
TTTTGAACTTCCCCAGGCTCCCACTAATTCCTCTCCATTCTATCCTCCTCCCTTTCCACAAAAGAAA
ACAGAAAGGAGCAGCAGTGTGGATACCGTATCATCCAGAGGCCTGGTTCTCTCCATTATAGGGCAAAA
CAAGCCCTGGCAAGATATTTCACTCCCGCCCCATGCCATGCATTAATAATCCAAAATTGCCTATATTCC
ACCTGCCAAGCAAGAGATGCTTTTATTGAAGTTCCAAATGTATACCTTTGAGAACAGTGCCTTCTC
GTCTTAAAAGAGAGGTCCTCATTGTTGTGAGTTGGGAGCAGAGGGAATTAAGAAAGCCATGATGCAGGG
ATTTGGCCATTCAAGCCGGGCAGCCTTCAGAGAATGTCATCCCTAATGACACATGCCCGAATGAAGGAG
CGGGCTGAGCTTGCTGCTGCTTTCGATTGAATGTTGCCTGTGCTCCTTAATAGCGGGCCTCTGTG
TGAGCATTGACAAGACTTAAACTATTCAATTGAAGAAAATGGATGATCCCCCAACAGGAAGATGCAAC
CCCATGGGCTGCCTGCTTGACCACAGAAGTGTCCAGCTCCAGTTGCTCATCTGAGAACTCCCCCAC
CACTTGCTGTATAAATTGTTAAATTAAGGCCATGTTGATTGATTTTTAAAAAAAAAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG

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Restriction Sites: SgfI-MluI



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|                        |   |
|------------------------|---|
| <b>OTI Disclaimer:</b> | 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).  |
| <b>Components:</b>     | 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.  |
| <b>RefSeq:</b>         | <a href="#">NM_018153.3</a>   |
| <b>Summary:</b>        | This gene encodes a type I transmembrane protein and is a tumor-specific endothelial marker that has been implicated in colorectal cancer. The encoded protein has been shown to also be a docking protein or receptor for Bacillus anthracis toxin, the causative agent of the disease, anthrax. The binding of the protective antigen (PA) component, of the tripartite anthrax toxin, to this receptor protein mediates delivery of toxin components to the cytosol of cells. Once inside the cell, the other two components of anthrax toxin, edema factor (EF) and lethal factor (LF) disrupt normal cellular processes. Three alternatively spliced variants that encode different protein isoforms have been described. [provided by RefSeq, Oct 2008] |
| <b>Locus ID:</b>       | 84168   |
| <b>MW:</b>             | 38.8  |