

## Product datasheet for **SC212186**

### GEM (NM\_181702) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** GEM (NM\_181702) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** GEM  
**Synonyms:** KIR  
**ACCN:** NM\_181702  
**Insert Size:** 1087 bp  
**Insert Sequence:** >SC212186 3'UTR clone of NM\_181702

The sequence shown below is from the reference sequence of NM\_181702. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAATCCTGCCATGACCTCTGTACTCTAGGAACCCAGGGTCACCCAGATGTCCCTTTGATGGCCGTTG
TTGAAGGCCATTGGGACCAATAATCTATATTAGATTGAATACTTAAGTTAGATGTGGTTTCCCCATTG
TAGCAGGGAGCTAGCGTATTAGCCTTGTGGCAACATGATGCATGGGAAATGAAAGATTTTTGTAAAAA
GTCAGTATTTATTTCCAGGAAAAGCCTGACCTTGCTATTTGAACACCCAAGACTCTTTAGAGGATGTGT
TTGGTGTTCACATGTGTTTCTTCTATTTTGGATAGTAGAGAAGTAAAGCTTACAAAGAATGCCTAGAAC
AAGAACTTTTCATCATTAAAAATTTTCCCAGTGTCTGATATGTGACTTTGAGGCCAATGAGTCATAA
ACAAATATAAGAAAGCTGTCAATGAGTTTCTTCAAAGGAGGGAAAACCTTCTACGAATCTAAGATCCAT
GGAGCTAGAATTGTAGAACTAGGCTCATCAGAATCGTGACTATTATTGCTCCATCAAACGTGAAAAAGA
AATGATGTGGACCTTGCTGGAAACAAAGGCTTAGCAAACAATTTTGTTCATGCCACCAAGACATAT
AGAATTGGAACTGATACATGTGTCCTTATAGGCTCAAAAATTATATCTTACAATTTCTATTTAGGG
GGAAATTTTGAATCAGATTCTATTTAGTCAAACACCTTTTATGTTTTATTATTTTGAATTCATGG
AGCCATCATAAAAATATTTTAAAAATCAGAATTATTGATACCCTGTAGTGCAAAAATGTCAATTTTAAAT
GTATAATCAGAAGTCTGAATTTTATAAAACATATAGCATAAAAACCTCCAGTACTTTGGTTGACCCCTT
GTATGTACAGCTCTGCTCTATTTATTATTATTTTGCAAAATAACCATTTTAAACATTTGATAAAGCATA
TTTATGAACATATTTCTTAATAAGAAAAATATCCATTTTATTACCATTTTCTATCTTTTTCAAAAATAG
CAAGTTTTTACCTATATGTCTTATAATAAAGAAAAATAAATATTTGAAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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>	<u><a href="#">NM_181702.3</a></u>
<b>Summary:</b>	The protein encoded by this gene belongs to the RAD/GEM family of GTP-binding proteins. It is associated with the inner face of the plasma membrane and could play a role as a regulatory protein in receptor-mediated signal transduction. Alternative splicing occurs at this locus and two transcript variants encoding the same protein have been identified. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	2669
<b>MW:</b>	41.9