

## Product datasheet for **SC322758**

### NEK5 (NM\_199289) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	NEK5 (NM_199289) Human Untagged Clone
Tag:	Tag Free
Symbol:	NEK5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**Fully Sequenced ORF:**

```

>OriGene sequence for SC322758
CCCCGATCCTTCCGGGACGCTTCGTTGGCCCCGCGGAGCCGGCGGAGCAGTTATCTGTGG
CCACAAGGAAAGTTATTTGTCTCTGTCTTGGCAAGGCTGGGAGGAAAGTTTTAGCTAAGA
ACCTCAGCCCATTGGAGACCATGGATAAGTACGATGTGATTAAGGCCATCGGGCAAGGTG
CCTTCGGGAAAGCATACTTAGCTAAAGGGAAATCAGATAGCAAGCACTGTGTCATAAAAG
AGATCAATTTTAAAAAGATGCCCATACAAGAAAAAGAAGCTTCAAAGAAAGAAAGTGATTC
TTCTGGAAAAGATGAAACATCCCAACATTGTAGCCTTCTTCAATTCATTTCAAGAGAATG
GCAGGCTGTTTATTGTAATGGAATATTGTGATGGAGGGGATCTCATGAAAAGGATCAATA
GACAACGGGGTGTGTTATTTAGTGAAGATCAGATCCTCGTTGGTTTGTACAGATTTCTC
TAGGACTAAAACATATTCATGACAGGAAGATATTACACAGGGACATAAAAGCTCAGAACA
TTTTTCTTAGCAAGAACGGAATGGTGGCAAAGCTTGGGGACTTTGGTATAGCAAGAGTCC
TGAATAATTCCATGGAACCTTGTCTGAACTTGTATTGGAACACCTTACTACCTGTCCCCAG
AGATCTGTCAGAATAAACCCACACAATAAAACGGATATTTGGTCTCTTGGCTGTGTCT
TATATGAGCTCTGCACACTTAAACATCCTTTTGGGGTAAACAATTACAGCAGCTGGTTC
TGAAGATTTGTCAAGCACATTTTGCCTCAATATCTCCGGGGTTTTCTCGTGTGAGCTCCATT
CCTTGATATCTCAGCTCTTCAAGTATCTCCTCGAGACCGACCATCCATAAATCCATTT
TGAAAAGGCCCTTTTGTAGAGAATCTTATCCCAATATTTGACTCCTGAGGTCATTCAGG
AAGAAATCAGTCACATGCTTATATGCAGAGCAGGAGCGCCAGCTTCTCGACATGTGGGA
AGGTGGTCCAGAAGTGTAAAATACAAAAGTGAGATTCAGGGAAAGTGCCCAACCAAGAT
CAAGGATATCTGTGCCAATTAAGGAATGCTATATTGCATAGAAATGAATGGAGACCAC
CAGCTGGAGCCCAGAAGGCCAGATCTATAAAAATGATAGAAAGACCCAAAATTTGTGTCTG
TCTGTGGACATTATGATTATTATTATGCTCAACTTGATATGCTGAGGAGGAGAGCCACACA
AACCAAGTTATCACCCATTTCTCAAGAAAATACTGGAGTTGAGGATTACGGTCAGGAAA
CGAGGCATGGTCCATCCCAAGTCAATGGCCTGCTGAGTACCTTCAGAGAAAATTTGAAG
CTCAACAATATAAGTTGAAAGTGGAGAAGCAATTGGGTCTTCGTCCATCTTCTGCCGAGC
CAAATTACAACCAGAGACAAGAGCTAAGAAGTAATGGAGAAGAGCCTAGATTCCAGGAGC
TGCCATTTAGGAAAAACGAAATGAAGGAACAGGAATATTGGAAGCAGTTAGAGGAAATAC
GCCAACAGTACCACAATGACATGAAAGAAATTAGAAAGAAGATGGGGAGAGAACAGAGG
AGAACTCAAAAATAAGTCATAAAACCTATTTGGTGAAGAAGAGTAACCTGCCTGTCCATC
AAGATGCATCTGAGGGAGAAGCACCTGTGCAGATGGAATTTGCTCTTGTGGCCAGGCT
GGAGTGCATGGCACGATCTTGGCTCACCGCAACCTCCGCTCCAGGACATTGAAAAAG
ACTTGAAACAAAATGAGGCTTCAGAACACAAAGGAAAGTAAAAATCCAGAACAGAAATATA
AAGCTAAGAAGGGGGTAAAATTTGAAATTAATTTAGACAATGTATTTCTGATGAAAAACA
TCCTCCAAGAGGAAGAGGCAATGGATATACCAATGAACTTTGACCTTTGAGGATGGCA
TGAAGTTAAGGAATATGAATGTGTAAGGAGCATGGAGATTATACAGACAAAGCATTTG
AAAAACTTCACTGCCAGAAGCAGGGTTTTCCACGCAGACTGTAGCTGTGTGGGAAACA
GGAGGCAGTGGGATGGAGGAGCGCCTCAGACTCTGCTGCAGATGATGGCAGTGGCCGACA
TCACCTCCACCTGCCACGGGGCTGACAGTGAGTCTGTGCTTAGCGTCAGTCGTGAGG
AAGGGAAGACCAAGGACCCGTACAGCCAGTGCTCATCCTGATGTGATAGTCTACTTCTC
ACTATACACCCTATAGATCTTGTATCAGACACTTCAAATATGTTGTTTTGATATCTCCC
TATGCCTAAAGAGACTTGCTGCTAATTATCCTGGACAAATGACCACTCTAGACATGCAC
ATATAAAGGAGGAAAAATCCAGGATGCCACCTTCTCAGAGTGGGGAAAATGCGTGAGG
AAGGACAGCTGACTTGATTTACCTTCCAAGGCCAGCTCAACAACCTTTTTTTTCGATTTCA
TAGGGTCATTTTTTTTTTTTTAATTTTTATTTTTATTGATCATTCTGGGTGTTTCTCG
CAGAGGGGGATTTGGCAGGGTCAAGGACAATAGTGGAGGGAAGGTCAGCAGATAAACAA
GTGAACAAAGGTCTCTGTTTTTCTAGGCAGAGGACCCAGTGGCCTTCCGCAGTGTGTTGT
GTCCTGGGACTTGAGATTAGGGAGTGGTGTGATTCTTAACGAGCATGCTGCCTTCAA
GCATCTGTTTAAACAAGCACATCTTGCCTGACCTTAATCCATTATCTGAGTGGACA
CAGCACATGTTTCAAGAGCACAGGGTTGGGGTAAGGTACCGATTAGCAGGATCCCAA
GGCAGAAGAATTTTTCTTAGTACGGAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAA
    
```

<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_199289
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_199289.1</a></u> , <u><a href="#">NP_954983.1</a></u>
<b>RefSeq Size:</b>	2949 bp
<b>RefSeq ORF:</b>	2127 bp
<b>Locus ID:</b>	341676
<b>UniProt ID:</b>	<u><a href="#">Q6P3R8</a></u>
<b>Cytogenetics:</b>	13q14.3
<b>Protein Families:</b>	Druggable Genome, Protein Kinase