

Product datasheet for **SC205489**

Germinal Center Kinase (MAP4K2) (NM_004579) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Germinal Center Kinase (MAP4K2) (NM_004579) Human 3' UTR Clone
Symbol:	Germinal Center Kinase
Synonyms:	BL44; GCK; RAB8IP
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004579
Insert Size:	2000 bp



[View online »](#)

Insert Sequence: >SC205489 3'UTR clone of NM_004579
 The sequence shown below is from the reference sequence of NM_004579. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATCCTCACGGGCCACCAGAGCACCTACTAAGAGCAGCGGGCTGTCCAGGGGCTCCCGCCCCACCCCA
CGCCTTAGCTGCAGGCCCTTTGGGCAAAGGGGCCATCCTAGACCAGAGGAGCCAGGCCCTGGCCCT
GCTGGGGCTGAAGGTGAGAAGTAATCCTGAGAAATGTTTCAGGCCTGGGGAGGGAGGGGAGCCCGGAC
GCCTCTGCAATAACTGGACCAGGGGAGCTGCTGTCACTCCCCATCCCCGAGGCAGCCAGTCCCTAG
TGCCCAAGGCAGGGACCCTGGGCCTGGGCCATCCATTCCATTTTGTCCACATTTCTTTCTACTCTTT
CTGCCAAGAGCCTGCCCTGCATTTGCTCTGGGAAACACGGTATTTAAGAGAGAACTATATTGGTATTA
AAGCTGGTTTGTAGTCTCTGGTCCCTCTGGGTAGGGGAGTGAACCCACCTCATCTCCCGCCTCC
TTCCCTCAACACACGTTTCTGTGGGCACCACAGAAGGGCAGGGCCCCAGGGTTTTGGAGAAGCCAGG
TAGAGGTGACAGGAGCCATGGCCCCCAGCAGCCTTCTAGGGGCACTGTGCCTTCCCTGCATCCTTGC
TCAGAAGTACCCTCAGCTTTGCAGTTTGGGGCTCTGCTGTAGTTTAGCACCCCAAGGACTCATGCAG
ATGGGGGACCTCAACAAAGGGACTCTCATCCAGGGCACCTTGGCCCCAGTAGGATCTCACTGGGTGA
CCCCTGGAAGGGCCAGGAGGAGCCCCAGAGGGCTGTTCCCTCCATTCCCATGGAGGCTGCTGCCCAT
GGAGGTAGCCTGTGTGACCTGTATCCCCTGCCTCCACCTACTGCCTAGGTGTTAGACCAGGAACATCAG
ATGACAGCAGCATCATCAGATTGGATGGGAAGGCTAGCCTGTGTCCGTCTACCAGACTCCCAAGGGCTG
CCTCAGTGCCAGGCCCTGGGGTCACTACCAGAAACAGACCAGCCCCAGGGAGGGGCTCCTCCTTGCTG
GAGCCTGCATCTTGAGGGCATGGCCATTCTCTGTAGCTTGTGCTTACGCTGCATTTCTCAAGGGTCT
GTCTGTGACCTCTGAATGCCAGGGCCCCAGGGCTGGGCATCCTCTTTTGGCCCCAGGCACTGATCAGC
CGCTCTTGACTGGAGCCTTTGGGCACTGCAGCCAGGAGGCAGGATGGGAACTGCCTTGAGGGCCAC
AGCTGGGGGCTGGGAAGGTGGGGCAGGGTGGGGGAAACAGCTGGAGCAAAGGCCCCATGGTCACCCC
TACATTCAAGGCAGGTGTTGGAGGAAGACCTTTGCACCTGGTGGGTGGCAATAAAGACTTGCGGAGTGA
CGTGGTAGGTGGATGGCAGCCATGCGAGTAGGCTCAGTGGTCCCAGGGTGTCACTGTCCCCTCAGC
CACCTCCAGCAGAGTTCAACTGTTCTGACTCTGTCCAGTACTGGGAGGGTTTCTGGCTGGAATGG
GGAGCCAGCCAGGGGAGGGAACACATCTTTCACACCAGGCATTACACCCATGTTCCCGTGAGCCCC
AAGGAGGGTGAGGGGCACCTTCCAAATTGGGGTGGTAAACAGGGATACAAAGTGAATTCCTAACTT
CCAATTTTCCAGATTTCTCGGAGGAATGTTGGGACCAGGGTGGGGTAAGTGGGGACAGGGAGGTGAGCT
CCTGCTCAGCAAAGGCCCTGACCAAAGGCGCCCTGGGGAGGACTGGCTTCCGTTTACCAACCGGCCAG
CAGCAGACAGTGCCTCCTTGTGGCGGATCTTCCCGGACCTCAGATTAGTCTGGAAACGGGGTTGGAC
TGCAGAGTGTAAGTCCAAAGTGGGGGCTCCCATAAACGCTTGTGCCAGCAAAGGCAGGCCAAGA
GCAAAGAAAGGCCGAGAAACCAGGGAATATGCACTGAGAGACTAACACTTTAAATTTTATTTATGTAT
ACGCGT AAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

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_004579.5](#)

Summary:

The protein encoded by this gene is a member of the serine/threonine protein kinase family. Although this kinase is found in many tissues, its expression in lymphoid follicles is restricted to the cells of germinal centre, where it may participate in B-cell differentiation. This kinase can be activated by TNF-alpha, and has been shown to specifically activate MAP kinases. This kinase is also found to interact with TNF receptor-associated factor 2 (TRAF2), which is involved in the activation of MAP3K1/MEKK1. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2015]

Locus ID:

5871

MW:

71.2