

Product datasheet for **SC207797**

B Raf (BRAF) (NM_004333) Human 3' UTR Clone

Product data:

| | |
|---------------|---|
| Product Type: | 3' UTR Clones |
| Product Name: | B Raf (BRAF) (NM_004333) Human 3' UTR Clone |
| Vector: | pMirTarget (PS100062) |
| Symbol: | BRAF |
| Synonyms: | B-raf; B-RAF1; BRAF1; NS7; RAFB1 |
| ACCN: | NM_004333 |
| Insert Size: | 2000 bp |



[View online »](#)

Insert Sequence:

>SC207797 3'UTR clone of NM_004333

The sequence shown below is from the reference sequence of NM_004333. 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
GGGGGATATGGTGCCTTCTGTCCAC TGAACAAATGAGTGAGAGATTTCAGGAGAGTAGCAACAAAA
GGAAAATAAATGAACATATGTTTGCTTATATGTTAAATTGAATAAAATACTCTCTTTTTTTTAAAGTG
AACCAAAGAACACTTGTGTGGTTAAAGACTAGATATAATTTTTCCCAAATAAAATTTATACTTAAACA
TTGGATTTTTAACATCCAAGGTTAAAATACATAGACATTGCTAAAAATTGGCAGAGCCTCTTCTAGAG
GCTTTACTTTCTGTTCCGGGTTGTATCATTCACTTGGTTATTTTAAAGTAGTAACTTCAGTTTCTCAT
GCAACTTTTGTGCCAGCTATCACATGTCCACTAGGGACTCCAGAAGAAGACCCTACCTATGCCTGTGT
TTGCAGGTGAGAAGTTGGCAGTCGGTTAGCCTGGGTTAGATAAGGCAAAGTGAACAGATCTAATTTAGG
AAGTCAGTAGAATTTAATAATTCTATTATTCTTAATAATTTTCTATAACTATTTCTTTTATAAC
AATTTGGAAAATGTGGATGTCTTTTATTTCCTTGAAGCAATAAACTAAGTTTCTTTTATAAATTTGA
GTGCAGGTGACCAAAAATATTGCTGAGGAGTGGCACGTTTGACATGAGTAAAATGTCTTAACTTCGGAT
TTTTAGCGGGAAAATGTTATAAATTGGAGTTTCTTTTAAATAGCTTTTTTAAATACATTAAGGATGT
CTCGCTCATGTAGAAGTCAAATTTTGTGCAAACGCATTGCTCCCTTCACACCCAATCTCTCCCCTGCA
AAAAATCTTCACAGAATCTGTGAGAACTTTTAGGTGTGTTTTCTTTGAGATACCTCTGGTTGCCAAA
CACCAGGTAATAGATTTTTTAAAGTTGTTATTAGATTATCTTACCTCTCATGATGCATATTTAGCAA
TCACCTTATCATTGTGTCTCATGTTCTGTCCCTTATATTCTTTGCCAGCAAGATTCTACTTATGAT
GAATGAATGCTCTTCTCTTTTTTCAATCAATGGTATGAAGTATTTGTTAGGGTTCTTTAGTACTTACA
CTTTGTTGTGAGAAAATGACTGTAATGTGGTGGTCAGTGATTCTTACTGTGATTGAGGGAATCAA
AAGTAGAAAGCAACAGCAGTGGTCTTCAAAGATTTGGCCATCTGCTTCACTGTGACGCTCTTAA
CTATATCTTCACTTACTCAATTTGGTTTTGTCATGATTTTTAAATGTAGCCAATAGATCAAGGTTCTTC
CAGTAAACACATATCTGCATAAATGCCTCCTTGAAGTCAATAAAGAAGGAAATTGAGAAGACTTTAAAT
TAATGATAATTTAGTTTTAAGTACCCACAAAATAAATTTTTGAAACATTTTCTTTATTTGAATACTTAG
ATGTCATCCAGGAAAATCACTCAATAATAATTACGGCAAATCTTAAACCCTCATTGGGTAGCTTAAAG
ATAAGTAATGCCATTATGAATCAGAATTGATTCATGACTTTAGTTAAGAAAATGAAAAGGAACATTTCA
CGTATTTTTAAAATGATACTAAGGAATAAAGAAGTACAATACTTTGAAAATATCTAAGTATATGATTT
TTAAATCTCCAGTGGCATTAAATATATGATTATTAGTAATTGTTAGATAGGGTTTTATTATTACAA
ATAGAAGACTAGCAAGCATGTAATAACAAAGTTTTTACAAAATTGACTTTGTGGAATGCTCCAATGT
TTGGCCATTTTGGAGCACAAGGTCAGGGTCTCTTTATTGATAGAGCTCCTTCTATAATTTCCAGCAT
ACCTGCCTCACAGTTATCTTCTTTTCAATGTTCACTCTCTTTTCTTCTCAATGCCATCCTGCCTAGGC
TCCCATCATCTGCATCTGACACCTTTCTTTCTTTCTTACTAGTCTCTTTGCGATGGGTGTGGCTA
ACGCGT AAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
    
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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_004333.6](#)

Summary:

This gene encodes a protein belonging to the RAF family of serine/threonine protein kinases. This protein plays a role in regulating the MAP kinase/ERK signaling pathway, which affects cell division, differentiation, and secretion. Mutations in this gene, most commonly the V600E mutation, are the most frequently identified cancer-causing mutations in melanoma, and have been identified in various other cancers as well, including non-Hodgkin lymphoma, colorectal cancer, thyroid carcinoma, non-small cell lung carcinoma, hairy cell leukemia and adenocarcinoma of lung. Mutations in this gene are also associated with cardiofaciocutaneous, Noonan, and Costello syndromes, which exhibit overlapping phenotypes. A pseudogene of this gene has been identified on the X chromosome. [provided by RefSeq, Aug 2017]

Locus ID:

673

MW:

77