

## Product datasheet for **SC125656**

### BCMA (TNFRSF17) (NM\_001192) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** BCMA (TNFRSF17) (NM\_001192) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** BCMA  
**Synonyms:** BCM; BCMA; CD269; TNFRSF13A  
**Mammalian Cell Selection:** None  
**Vector:** [pCMV6-XL5](#)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_001192 edited  
 GAATTCCTGTAGAGATATTACTTGTCCCTCCAGGCTGTTCTTTCTGTAGCTC  
 CCTTGTTTTCTTTTTGTGATCATGTTGCAGATGGCTGGGCAGTGCTCCCAAAATGAATAT  
 TTTGACAGTTTGTGCATGCTTGCATACCTTGTCAACTTCGATGTTCTTCTAATACTCCT  
 CCTCTAACATGTGACGCTTATTGTAATGCAAGTGTGACCAATTCAGTGAAAGGAACGAAT  
 GCGATTCTCTGGACCTGTTGGGACTGAGCTTAATAATTTCTTTGGCAGTTTTCGTGCTA  
 ATGTTTTTGCTAAGGAAGATAAGCTCTGAACCATTAGAGGACGAGTTTAAAAACACAGGA  
 TCAGGTCTCCTGGGCATGGCTAACATTGACCTGGAAAAGAGCAGGACTGGTGATGAAATT  
 ATCTTCCGAGAGGCCTCGAGTACACGGTGAAGAATGCACCTGTGAAGACTGCATCAAG  
 AGCAAACCGAAGGTCGACTCTGACCATTGCTTCCACTCCCAGCTATGGAGGAAGGCGCA  
 ACCATTCTGTACCACGAAAACGAATGACTATTGCAAGAGCCTGCCAGCTGCTTTGAGT  
 GCTACGGAGATAGAGAAATCAATTTCTGCTAGGTAAATAACCATTTGACTCGAGCAGTG  
 CCACTTTAAAAATCTTTTGTGAGAATAGATGATGTGTCAGATCTCTTTAGGATGACTGTA  
 TTTTTCAGTTGCCGATACAGCTTTTGTCTTAAGTGTGAAACTCTTTATGTTAGATA  
 TATTTCTCTAGTTACTGTTGGGAGCTTAATGGTAGAAACTTCCTTGGTTTCATGATTA  
 AGTCTTTTTTTTCTGAAA  
 AAAAAAAAAAAAAAAAAAAAAA



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_001192 unedited TG TAGAGATTTACTTGTCTCCGGCTGTTCTTCTGTAGCTCCCTTGTTTTCTTTTTGT GATCATGTTGCAGATGGCTGGCAGTGCTCCCAAATGAATATTTTGACAGTTTGTGCA TGCTTGCATACCTTGTCAACTTCGATGTTCTTCTAATACTCCTCCTAACATGTCAGCG TTATTGTAATGCAAGTGTGACCAATTCAGTGAAAGGAACGAATGCGATTCTCTGGACCTG TTTGGGACTGAGCTTAATAATTTCTTTGGCAGTTTTCGTGCTAATGTTTTTGCTAAGGAA GATAAGCTCTGAACCATTAGAGGACGAGTTTAAAAACACAGGATCAGGTCTCCTGGGCAT GGCTAACATTGACCTGGAAAAGAGCAGGACTGGTGATGAAATTATTCTCCGAGAGGCCT CGAGTACACGGTGAAGAATGCACCTGTGAAGACTGCATCAAGAGCAAACCGAAGTTCGA CTCTGACCATTGCTTTCCACTCCCAGCTATGGAGGAAGGCGCAACCATTCTTGTCACCAC GAAAACGAATGACTATTGCAAGAGCCTGCCAGTGCTTTGAGTGCTACGGAGATAGAGAA ATCAATTTCTGTAGGTAATTAACCATTTGACTCGAGCAGTGCCACTTTAAAAATCTTT TGTCAGAAATAGATGATGTGTCAGATCTCTTTAGGATGACTGTATTTTTCAGTTGCCGATA CAGCTTTTGTCTCNTACTGTGAAAACCTTTATGTTAGATATTTTCTCTAGTTACT GTTGGGAGCTTAATGGTA
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_001192
<b>Insert Size:</b>	1100 bp
<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>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>	<a href="#">NM_001192.2</a> , <a href="#">NP_001183.2</a>
<b>RefSeq Size:</b>	994 bp
<b>RefSeq ORF:</b>	555 bp
<b>Locus ID:</b>	608
<b>UniProt ID:</b>	<a href="#">Q02223</a>
<b>Cytogenetics:</b>	16p13.13
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Protein Pathways:</b>	Cytokine-cytokine receptor interaction

**Gene Summary:**

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is preferentially expressed in mature B lymphocytes, and may be important for B cell development and autoimmune response. This receptor has been shown to specifically bind to the tumor necrosis factor (ligand) superfamily, member 13b (TNFSF13B/TALL-1/BAFF), and to lead to NF-kappaB and MAPK8/JNK activation. This receptor also binds to various TRAF family members, and thus may transduce signals for cell survival and proliferation. [provided by RefSeq, Jul 2008]