

## Product datasheet for **SC307244**

### Baf180 (PBRM1) (NM\_181042) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Baf180 (PBRM1) (NM_181042) Human Untagged Clone
Tag:	Tag Free
Symbol:	Baf180
Synonyms:	BAF180; PB1
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_181042, the custom clone sequence may differ by one or more nucleotides

```

ATGGGTTCCAAGAGAAGAAGAGCTACCTCCCCTCCAGCAGTGTCAGCGGGGACTTTGAT
GATGGGCACCATTTCTGTGTCAACACCAGGCCAAGCAGGAAAAGGAGGAGACTTTCCAAT
CTTCCAACGTAGATCCTATTGCCGTGTGCCATGAACTCTATAATACCATCCGAGACTAT
AAGGATGAACAGGGCAGACTTCTCTGTGAGCTCTTCATTAGGGCACCAAAGCGAAGAAAT
CAACCAGACTATTATGAAGTGGTTTCTCAGCCCATTGACTTGATGAAAATCCAACAGAAA
CTAAAAATGGAAGAGTATGATGATGTTAATTTGCTGACTGCTGACTTCCAGCTTCTTTTT
AACAAATGCAAAGTCTATTATAAGCCAGATTCTCCTGAATATAAAGCCGCTTGCAAACCTC
TGGGATTTGTACCTTCGAACAAGAAATGAGTTTGTTCAGAAAGGAGAAGCAGATGACGAA
GATGATGATGAAGATGGGCAAGACAATCAGGGCACAGTACTGAAAGGATCTTCTCCAGCT
TACTTGAAGGAGATCCTGGAGCAGCTTCTTGAAGCCATAGTTGTAGTACAAATCCATCA
GGACGCTCATTAGCGAACTTTTTAGAAAAGTGCCTTCTAAAGTGAATATCCAGATTAT
TATGCAATAATTAAGGAGCCTATAGATCTCAAGACCATTGCCAGAGGATACAGAATGGA
AGCTACAAAAGTATTCATGCAATGGCCAAAAGATATAGATCTCCTCGCAAAAAATGCCAAA
ACTTATAATGAGCCTGGCTCTCAAGTATTCAAGGATGCAAATTCATTAATAAAAAATATTT
TATATGAAAAAGGCTGAAATTGAACATCATGAAATGGCTAAGTCAAGTCTCGAATGAGG
ACTCCATCCAACCTTGGCTGCAGCCAGACTGACAGGTCCTTCACACAGTAAAGGCAGCCTT
GGTGAAGAGAGAAATCCCACTAGCAAGTATTACCGTAATAAAAAGAGCAGTACAAGGAGGT
CGTTTATCAGCAATTACAATGGCACTTCAATATGGCTCAGAAAAGTGAAGAAGATGCTGCT
TTAGCTGCTGCACGCTATGAAGAGGGAGAGTCAGAAGCAGAAAAGCATCACTTCTTTATG
GATGTTTTCAAATCCTTTTTATCAGCTTTATGACACAGTTAGGAGTTGTCGGAATAACCAA
GGGCAGCTAATAGCTGAACCTTTTTACCATTTGCCTTCAAAGAAAAAATACCCTGATTAT
TACCAGCAAATTAATGCCCATATCACTACAACAGATCCGAACAAAAGTGAAGAATCAA
GAATATGAAACTTTAGATCATTTGGAGTGTGATCTGAATTTAATGTTTGAATGCCAAA
CGCTATAATGTGCCAATTCAGCCATCTACAAGCGAGTTCTAAAATTCAGCAAGTTATG
CAGGCAAAGAAGAAAGAGCTTGCCAGGAGAGACGATATCGAGGACGGAGACAGCATGATC
TCTTCAGCCACCTCTGATACTGGTAGTGCCAAAAGAAAAAGTAAAAAGAACATAAGAAAAG
CAGCGAATGAAAACTTTATTCAATGTTGTTCTTGAAGCTCGAGAGCCAGGTTTCAGGCAGA
AGACTTTGTGACCTATTTATGGTTAAACCATCCAAAAGGACTATCCTGATTATTATAAA
ATCATCTTGGAGCCAATGGACTTAAAAATAATTGAGCATAACATCCGCAATGACAAATAT

```



[View online »](#)

GCTGGTGAAGAGGAATGATAGAAGACATGAAGCTGATGTTCCGGAATGCCAGGCACTAT  
 AATGAGGAGGGCTCCCAGGTTTATAATGATGCACATATCCTGGAGAAGTTACTCAAGGAG  
 AAAAGGAAAGAGCTGGGCCACTGCCTGATGATGATGACATGGCTTCTCCCAAACCAAG  
 CTGAGTAGGAAGAGTGGCATTCTCCTAAAAATCAAAATACATGACTCCAATGCAGCAG  
 AAATAAATGAGGTCTATGAAGCTGTAAGAATACTGATAAGAGGGGTCGCCGCCTC  
 AGTGCCATATTTCTGAGGCTTCCCTCTAGATCTGAGTTGCCTGACTACTATCTGACTATT  
 AAAAGCCCATGGACATGGAAAAATTCGAAGTCACATGATGGCCAACAAGTACCAAGAT  
 ATTGACTCTATGGTTGAGGACTTTGTCTGATGTTAATAATGCCTGTACATACAATGAG  
 CCGGAGTCTTTGATCTACAAAGATGCTCTTGTCTACACAAAAGTCTGCTTGAAACACGC  
 AGAGACCTGGAGGGAGATGAGGACTCTCATGTCCCAAATGTGACTTTGCTGATTCAAGAG  
 CTTATCCACAATCTTTTGTGTGTCAGTCATGAGTCATCAGGATGATGAGGGAAGATGCTAC  
 AGCGATTCTTTAGCAGAAATTCCTGCTGTGGATCCCAACTTTCTAACAAACCACCCCTT  
 ACATTTGACATAATTAGGAAGAATGTTGAAAATAATCGTACCGTCGGCTTGATTTATTT  
 CAAGAGCATATGTTTGAAGTATTGGAACGAGCAAGAAGGATGAATCGGACAGATTCAGAA  
 ATATATGAAGATGCAGTAGAAGTTCAGCAGTTTTTTTAAATTCGTGATGAACCTGTC  
 AAAAATGGAGAGATTCTTTTACCGGCACTCAGCTATACCACAAAACATTTGCATAAT  
 GATGTGGAGAAAGAGAGAAGGAAAAATTCGCAAAAGAAATAGAGGAAGATAAACTAAAA  
 CGAGAAGAAGAAAAAGAGAAGCTGAAAAGAGTGAAGATTCCTCTGGTGTGCAGGCCTC  
 TCAGGCTTACATCGCACATACAGCCAGGACTGTAGCTTTAAAAACAGCATGTACCATGTT  
 GGAGATTACGTCATGTGGAACCTGCAGAGGCCAACCTACAACCACATATCGTCTGTATT  
 GAAAGACTGTGGGAGGATTCAGCTGGTAAAAATGGTTGATGGCTGTTGGTTTTACCGA  
 CCAATGAAACATTCACCTGGCTACACGAAAAATTTCTAGAAAAAGAAGTTTTTAAGAGT  
 GACTATTACAACAAAGTTCAGTTAGTAAATTTCTAGGCAAGTGTGGTCATGTTTGTCTC  
 AAGGAATACTTTAAGTTATGCCAGAAAACTTCCGAGATGAGGATGTTTTTGTCTGTGAA  
 TCACGGTATTCTGCAAAACCAAATCTTTTAAGAAAAATTAAGTGTGGACCATGCCCATC  
 AGCTCAGTCAGGTTTGTCCCTCGGGATGTGCCTCTGCCTGTGGTTCGCGTGGCCTCTGTA  
 TTTGCAATGCAGATAAAGGTGATGATGAGAAGAATACAGACAACTCAGAGGACAGTCGA  
 GCTGAAGACAATTTAAGTTGAAAAGGAAAAAGAAGATGTCCTGTGGAATGTCCAAT  
 GGTGAACCAGGTTGCCACTACTTTGAGCAGCTCCATTACAATGACATGTGGCTGAAGGTT  
 GCGCAGTGTCTTCATCAAGTCCCATGGCCTGGTGCCTCCTCGTGTGGCAGAATTGAA  
 AAAGTATGGGTTGAGATGGAGCTGCATATTTTTATGGCCCATCTTCATTCACCCAGAA  
 GAAACAGAGCATGAGCCACAAAATGTTCTACAAAAAGAAGTATTTCTGAGTAATCTG  
 GAAGAAACCTGCCCATGACATGTATTCTCGAAAGTGTGCTGTGTTGTCATTCAAGGAC  
 TTCTCTCCTGCAGGCCAACTGAAATACCAGAAAATGACATTCTGCTTTGTGAGAGCCGC  
 TACAATGAGAGCGACAAGCAGATGAAGAAATTCAAAGGATTGAAGAGGTTTTCACTCTCT  
 GCTAAAGTGGTAGATGATGAAATTTACTACTTCAGAAAACCAATTGTTCCCTCAGAAGGAG  
 CCATCACCTTTGCTGGAAAAGAAGATCCAGTTGCTAGAAGCTAAATTTGCCGAGTTAGAA  
 GGTGGAGATGATGATTTGAAGAGATGGGAGAAGAAGATAGTGAAGTATTGAACCTCCT  
 TCTACCTCAGCTTCAGACCCCTGGCCAGTGAAGTGGACCTCATGCCCTACACACCC  
 CCACAGTCTACCCAAAAGTCTGCCAAAGCAGTGCAAAGAAGGAAGGCTCCAAACGGAAA  
 ATCAACATGAGTGGCTACATCCTGTTTACAGCAGTGAAGTGAAGGGCTGTGATTAAGGCCAA  
 CACCCAGACTACTCTTTGCGGGAGCTCAGCCGCCTGGTGGGGACAGAATGGAGAAATCTT  
 GAGACAGCCAAGAAAGCAGAATATGAAGGTGTGATGAACCAAGGAGTGGCCCTATGGTA  
 GGGACTCCAGCACCAGGTGGAAGTCCATATGGACAACAGGTGGGAGTTTTGGGCCTCCA  
 GGGCAGCAGGCACCACCTCCATATCCCGGCCACATCCAGCTGGACCCCTGTACACAG  
 CAGCCAACAACCCCATGTTTGTAGCTCCCCACCAAAGACCCAGCGGCTTCTTCACTCA  
 GAGGCCTACCTGAAATACATTGAAGGACTCAGTGGGAGTCCAACAGCATTAGCAAGTGG  
 GATCAGACACTGGCAGCTCGAAGACGCGACGTCCATTTGTGAAAAGAACAGGAGAGCCGC  
 CTACCCTCTACTGGCTGAAAAGCAAAGGGGCCACACCACCATGGCAGATGCCCTCTGG  
 CGCCTTCGAGATTTGATGCTCCGGGACACCCTCAACATTCGCAAGCATACAACCTAGAA  
 AATGTTTAA

<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_181042
<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_181042.1</a></u> , <u><a href="#">NP_851385.1</a></u>
<b>RefSeq Size:</b>	4825 bp
<b>RefSeq ORF:</b>	4749 bp
<b>Locus ID:</b>	55193
<b>UniProt ID:</b>	<u><a href="#">Q86U86</a></u>
<b>Cytogenetics:</b>	3p21.1
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	<p>This locus encodes a subunit of ATP-dependent chromatin-remodeling complexes. The encoded protein has been identified as an integral component of complexes necessary for ligand-dependent transcriptional activation by nuclear hormone receptors. Mutations at this locus have been associated with primary clear cell renal cell carcinoma. [provided by RefSeq, Feb 2012]</p> <p>Transcript Variant: This variant (4) This variant (2) differs in the 5' UTR and contains multiple differences in the coding region, compared to variant 5. It encodes isoform 4, which is shorter than isoform 5. Variants 2 and 4 encode isoforms that are the same length, but have distinct protein sequences. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>