

## Product datasheet for **SC331271**

### **BAT4 (GPANK1) (NM\_001199238) Human Untagged Clone**

#### Product data:

<b>Product Type:</b>	Expression Plasmids
<b>Tag:</b>	Tag Free
<b>Symbol:</b>	BAT4
<b>Synonyms:</b>	ANKRD59; BAT4; D6S54E; G5; GPATCH10
<b>Vector:</b>	pCMV6-Entry (PS100001)
<b>Fully Sequenced ORF:</b>	>SC331271 representing NM_001199238. Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGTCCCGGCCCTTGCTCATCACCTTCACCCAGCCACTGACCCAGCGACCTCTGGAAGGATGGGCAG  
CAGCAGCCACAGCCGAGAAGCCAGAGTCCACCCTGGATGGGGCTGCAGCCGAGCTTTCTATGAGGCC  
CTGATTGGGGATGAGAGCAGCGCTCCTGACTCCAGAGATCTCAGACTGAACCTGCCAGAGAAAGAAAG  
AGAAAGAAAAGAAGAATAATGAAGGCACCAGCAGCAGAAGCAGTGGCAGAAGGAGCATCAGGAAGACAT  
GGACAAGGGAGATCCCTTGAGGCTGAGGATAAGATGACTCACCGGATACTGAGGGCAGCCCAGGAGGGG  
GACCTGCCAGAACTTAGGAGACTGCTGGAACCGCATGAGGCAGGAGGAGCTGGGGGGAATATCAACGCC  
CGGGATGCCTTCTGGTGGACCCCACTGATGTGTGCTGCTCGAGCGGGCCAGGGGGCAGCTGTGAGCTAT  
CTCCTGGGCGTGGGGCTGCCTGGGTGGGGTCTGTGAGCTGAGTGGCAGGGATGCGGCTCAGCTCGT  
GAAGAAGCTGGCTTCCCTGAGGTAGCCCGCATGGTCAGGGAGAGCCATGGAGAGACAAGGAGCCCGGAA  
AACCGGTCTCCTACTCCCTCCCTCCAGTACTGCGAGAACTGTGACACCCACTTCCAAGATTCCAACCAC  
CGCACATCCACTGCTCACCTGCTGCTACTGTCGAGGGTCTCAGCCTCCCAACCTTCCACTTGGGGTG  
CCCATCTCCAGCCCGGGCTTCAAAGTCTGCTGAGGGGGGGCTGGGAGCCAGGAATGGGGCTGGGACCC  
CGGGGTGAGGGCCGTGCCAATCCCATCCCACTGTCCTCAAGAGGGACCAGGAAGGACTAGGCTACAGA  
TCAGCACCCAGCCCCGAGTGACACATTTCCAGCTTGGGATACCCGAGCTGTGGCTGGGAGGGAGAGA  
CCCCCTCGGGTGGCCACTGAGCTGGAGGGAGGAGAGAAGGAGGGAGGAGAAAGACAGGGCTTGGGAG  
CGGGATCTAAGGACTTACATGAACCTCGAGTTCGA

<b>Restriction Sites:</b>	SgfI-MluI
<b>ACCN:</b>	NM_001199238
<b>Insert Size:</b>	1071 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>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<u>NM_001199238.1</u>
<b>RefSeq Size:</b>	2662 bp
<b>RefSeq ORF:</b>	1071 bp
<b>Locus ID:</b>	7918
<b>UniProt ID:</b>	<u>O95872</u>
<b>Cytogenetics:</b>	6p21.33
<b>MW:</b>	39.3 kDa
<b>Gene Summary:</b>	<p>This gene is located in a cluster of HLA-B-associated transcripts, which is included in the human major histocompatibility complex III region. This gene encodes a protein which is thought to play a role in immunity. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Nov 2010]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. Variants 1, 2, 3, 4, and 5 encode the same protein.</p>