

## Product datasheet for **SC123787**

### GTPBP1 (BC001701) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	GTPBP1 (BC001701) Human Untagged Clone
Tag:	Tag Free
Symbol:	GTPBP1
Synonyms:	GP-1; GP1; HSPC018
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC001701 edited GGCACGAGGGCTCAGAGAGGTGTCACCAGCAGGTTCATTCATGCCAGCCTTGCCCC CCGGCTTTTCCCAGGCAGGCTCCTGCGTGCCCACTGGCTCCAGCCTGGTCTCTGTCTCT TGGCTGCTTCACTCCTGCTCTTTGTCCGACTCTGGCCCTGCTTACAGGGGCCACTACCT GCTGGTGCCTCCATAACAAGCGTCTGGCGTTGAGACCCCTGGCATGGCAGGGGCTTTGGG GTCTGGTTTCCACAAGGCTTAGCCATGGCAGAACCCTCGTTTTATTTAACTCTTTGCCCC TACAAACAACAGCAGTACTTGCCAGAACCATTCTGGGATTCAGGAGCTCGGGCGACTG CCTTGGCCTCTGGCCGCACCCAGGAGGGTGGGTTGGATCTGTGTAGTTGCCAGGCCAC ACCTGCCAGCAGGGGCTGACTGGATCCATGCTTTACTGTGTTAATGGGGTAACAGGG GTCCCTACAGCCCTCCCAGCTAAACATTTGGAACAAAACACCAGCCCTTTGTAGTGGAT GCAGAATAAAATTGTTAATCCAATCACCTCCAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for BC001701 unedited GTAACGTCAGATTTTGTATACGACTCATATAGGCGGCNCGCAATCGGCACGAGGGCTCA GAGAGGTGTCACCAGCAGGTGTTCCATGCCAGCCTTGCCCCCGGCTTTTCCAG GCAGGCTCCTGCGTGCCCACTGGCTCCAGCCTGGTCTGTCTTTGGCTGCTTCACTC CTGCTCTTTGTCCCGACTCTGGCCTGCTTACAGGGGCCACTACCTGCTGGTGCCTCCAT AACAAAGCGTCTGGCGTTGAGACCCTGGCATGGCAGGGGCTTTGGGGTCTGGTTTCCACA AGGCTTAGCCATGGCAGAACCTCGTTTTATTTAACTCTTTGCCCTACAAACAAACAGC AGTACTTGCCAGAACCATTCTTGGGATTCAGGAGCTCGGGCGACTGCCTTGGCCTCTGGC CGCACCCAGGAGGGTGGGGTTGGATCTGTGTAGTTGCCAGGCCACACCTGCCAGCAGGG GGCTGACTGGATCCATGCTTTACTGTGTTAATGGGGGTAACAGGGGTCCCTACAGCCCT CCCAGCTAAACATTTGGAACAAAACACCAGCCCTTTTGTAGTGGATGCAGAATAAAATTG TTAATCCAATCACCTCCNNNNANANAAAAAANAAAAAANAAAAAANAAAAAANAAAAA AACTCGACTCTAGATT GCGGCCGCGGTACATAGCTGTTTCTGAACAGATCCCCGGGGGCATCCCTGTGACCCCTCC CCAGTGCCTCTCCTGGCCCTGAAATTGCCACTCCAGTCCCACCAGCCTTGCTTAATA AATTAAGTTGCATCATTTTGTCTGACTAGGTGCTTCTATAATATTAGGGGGTGGAGGG GGGTGGGATTTGAAACAAAGGGCAAATTTGGTAAGACCCACCGGCAG
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	BC001701
<b>Insert Size:</b>	600 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="#">BC001701.1</a> , <a href="#">AAH01701.2</a>
<b>RefSeq Size:</b>	600 bp
<b>Locus ID:</b>	9567
<b>Cytogenetics:</b>	22q13.1
<b>Gene Summary:</b>	This gene is upregulated by interferon-gamma and encodes a protein that is a member of the AGP11/GTPBP1 family of GTP-binding proteins. A structurally similar protein has been found in mouse, where disruption of the gene for that protein had no observable phenotype. [provided by RefSeq, Jul 2008]