

Product datasheet for **SC115497**

GTPBP6 (NM_012227) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GTPBP6 (NM_012227) Human Untagged Clone
Tag:	Tag Free
Symbol:	GTPBP6
Synonyms:	PGPL
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_012227, the custom clone sequence may differ by one or more nucleotides

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ATGTGGGCCCTGCGGGCCGCCGTACGCCCGGGGCTGCGGCTCTCCCGCTGGGCCGCGGCCGCTCGGCTC
CGCGGGCAGCCGCGCCGTCTGCCCGCGCGCGCTAGCCGCTGTCGGCCGAGGAGCCCGGGAATCT
GGAGGGCCGTGGGGCGGAGGGCGGGGCTGCGGGCGGACGGCGGCCGAAGCCGCACGGGAGACGAG
GAGGAGCCGGAAGATGCGGACGAGAACGCCGAGGAGGAGCTGCTGCGGGGAGAGCCTCTGCTGCCGCGG
GGACCCAGCGCTGTGTCTGGTTACCCGTACGCTCAAGTGGGGCCCGGGGAAGTCGAGATGACTCGAGC
CGAGTGGCAGGTGGCGGAGGCCACAGCGCTGGTGCACACGCTGGACGGCTGGTCCGTGGTGCAGACAATG
GTCGTGTCCACAAAACGCCGACAGGAAGCTCATCTTTGGCAAAGGGAACCTTTGAGCACCTGACAGAAA
AGATCCGAGGGTCTCCAGACGTACGTGCGTCTTCTGAACGTGGAGAGGATGGTGCCCGACCAAGAA
AGAAGTGAAGCCGCTGGGGCGTGGAGGTGTTTGACCGCTTACGGTCGCTCTGCACATCTTCCGCTGT
AACGCCGCACGAAGGAGGCCCGGCTTCAGGTGGCCCTGGCGGAGATGCCGCTGCACAGGTGCAACTTGA
AAAGGGACGTGCCCCACCTGTACCGAGGAGTGGCTCGCGCTACATCATGGGGTCAGGAGAATCCTTCAT
GCAGCTGCAGCAGCGTCTCTGAGAGAGAAGGAGGCCAAGATCAGGAAGGCCCTTGACAGGCTTCGCAAG
AAGAGGCACCTGCTCCGCCGCGCAGCGGACGAGGCGGGAGTTCCCGTGATCTCCGTGGTGGGGTACACCA
ACTGCGGAAAGACCACGCTGATCAAGGCACTGACGGGCGATGCCGCCATCCAGCCACGGGACCAGCTGTT
TGCCACGCTGGACGTACGGGCCACGCGGCACGCTGCCCTCACGCATGACCGTCTGTACGTGGACACC
ATCGGCTTCTCTCCAGCTGCCGACGGCCTCATCGAGTCTTCTCCGCCACCTGGAAGACGTGGCCC
ACTCGGATCTCATCTTGACGTGAGGGACGTACGCCACCCGAGGCGGAGCTCCAGAAATGCAGCGTTCT
GTCCACGCTGCGTGGCTGCAGTGGCCGCCCGCTCTGGACTCCATGGTGGAGGTTACAACAAGGTG
GACCTCGTGCCCGGGTACAGCCCCACGAACCGAAGCTGCTGCCGCTGTCTGCCCTGCGGGGCCACGGGC
TCCAGGAGCTGAAAGCTGAGCTCGATGCGGCGGTTTTGAAGGCGACGGGGAGACAGATCCTCACTCTCCG
TGTGAGGCTCGCAGGGGCGCAGCTCAGCTGGCTGTATAAGGAGGCCACAGTTAGGAGGTGGACGTGATC
CCTGAGGACGGGGCGGCCGACGTGAGGGTCATCATCAGCAACTCAGCCTACGGCAAATTCGGAAGCTCT
TTCCAGGATGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_012227 unedited

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GTATTTTGTAAATACGACTCACTATAGGGCGGCCGCAATTCGGCACGAGGCGGCCGCTCG
GCTCCGCGGGCAGCCGCGCCGTCTGCCCGCGCGCGCTAGCCGCTGTCGGCCGACAGG
AGCCCCGGGAATCTGGAGGGGCCGTGGGGCGGAGGGCGGGGCTGCGGGCGGACGGCGGC
CGAAGCCGCACGGGAGACGACGAGGAGGAGCCGGAAGATGCGGACGAGAACGCCGAGGAG
GAGCTGCTGCGGGGAGAGCCTCTGCTGCCGCGGGGACCCAGCGCTGTGTCTGGTTTAC
CCTGACGTCAAGTGGGGCCCGGGGAAGTCGAGATGACTCGAGCCGAGTGGCAGGTGGCG
GAGGCCACAGCGCTGGTGCACACGCTGGACGGCTGGTCCGTGGTGCAGACAATGGTCGTG
TCCACCAAAACGCCGACAGGAAGCTCATCTTTGGCAAAGGGAACCTTTGAGCACCTGACA
GAAAAGATCCGAGGGTCTCCAGACGTACGTGCGTCTTCTGAACGTGGAGAGGATGGCT
GCCCCGACCAAGAAAGAACTGGAAGCCGCTGGGGCGTGGAGGTGTTTGACCGCTTACG
GTCGTCTGCACATCTTCCGCTGTAACGCCCGCACGAAGGAGGCCCGGCTTCAGGTGGCC
CTGGCGGAGATGCCGCTGCACAGGTGCAACTTGAAAAGGGACGTGCCCCACCTGTACCGA
NGAGTCGGCTCGCGCTACATCATGGNGTCAGGAGAATCCCTCATGCAGCTGCAGCAGCGT
CTCCTGAGAGAGAAGGAGGCTAAGATCAGGAAGGCCTTGACAGGCTTTTCGAGAAGAGC
ACCTGCNTCGNCGCAGCGGACGAGGGCGNAGTCCCCGTGATCTNCGTGGTGGGGTACA
CCNACTGCNGNAAGACCACGCTGATCAGGCACTGACGGNCGATGCCGNCTNCAGCCCGN
ACAGCTGTTG
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_012227 unedited <pre> GGGGGGNNNNNNNNNNNNNAAAAATAAAAATAAAAAGATATTTTTTTAGGTTTNAAGTAC CTGTTTCGGNAACATTCCGAGGCAAAGCATTACAGCAGGCACCGCAGGCCCACTGGNAT TGTGTGGATGCTCAGCCTTGGAGTGGACGCTAGGGCGGACCGCTTGGGGCAGGTGCGGA CGTGTAACCGCTGCACGGACATCCACCAATGGCTGGGAGCGAGACGGCCGACACAAC CAAACAAGGAGGACCCTGCTGAACCTGACAACAACTGCCCCAACACAGCGCAACGTC AAATCTACACAGAACTGACGCCCCACCTCGCATGCCTCTGAGGCCGTCCGCCATTCT GAACAGATCTTGCAGGAATTCGCCGAACACTGAATTGCTGATGATGACACTTCAATTTTGT TCGTTTTACCTCACGAATAACTATCACCACTGAACTGAGGACTCCACTACCCACACATC TGATCTGTGTTCTTGTCATCACACCACAACACTGACGATCCGCCCTCCCTCCCTCCA AAAACGCCGTTTCCCTCACCTTTCATCTCTGCAAATCTTCTCCCTTATGGCACACA ACGCAACTAACATTAGGACTCCCTCGGGCTGCCACGACAACGATGCACACCTATGTCG AAAACATAACAACATGAAAACCCAAACACCGGACACGGTCACTTATCCGCTCCACAAT TTTGCATGTAACCGTGCACCCCTCGTAGCTCCTCTTATTTGTTGGCATTCCGTATTCA CCACTTCAATCAGAACTTCTCCATCGTGCTCTCTTCTTATCACTGCGTGATCAACGC ACTCTTATTAGTTTCTTTCAACACTTTGACATAATGTCAAATCAATTTCTATCACGCCCA CACCTGCACATTTTTCACCGGTATACCCCTCCATCCTAGCTCCCGCCCTG </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_012227
Insert Size:	1910 bp
OTI Disclaimer:	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).
Components:	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).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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.
RefSeq:	<u>NM_012227.1, NP_036359.1</u>
RefSeq Size:	1867 bp
RefSeq ORF:	1212 bp
Locus ID:	8225
UniProt ID:	<u>O43824</u>
Cytogenetics:	X;Y
Gene Summary:	This gene encodes a GTP binding protein and is located in the pseudoautosomal region (PAR) at the end of the short arms of the X and Y chromosomes. [provided by RefSeq, Nov 2011]