

Product datasheet for **SC336550**

GTPBP2 (NM_001286216) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GTPBP2 (NM_001286216) Human Untagged Clone
Tag:	Tag Free
Symbol:	GTPBP2
Synonyms:	JABELS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC336550 representing NM_001286216.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

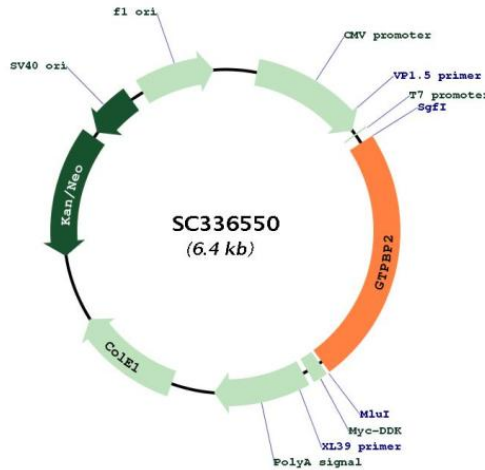
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GGGGCAGACATAACCGTTCTTCGAGAGCGAGAAGTGGATTATGATAGCGACATGCCCCGGAAGATACC
GAGGTGCTAGTACGAAAGTCCCTGACAACCAACAGTTCCTAGACCTCCGTGTGGCCGCTCTGGGAAT
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GAAGCCCAGGCCAACATGGGCTTCTGA
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TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites:

Sgfl-MluI

Plasmid Map:



ACCN:

NM_001286216

Insert Size:	1545 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:	<ol style="list-style-type: none">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_001286216.1</u>
RefSeq Size:	2848 bp
RefSeq ORF:	1545 bp
Locus ID:	54676
UniProt ID:	<u>Q9BX10</u>
Cytogenetics:	6p21.1
MW:	56.6 kDa
Gene Summary:	<p>GTP-binding proteins, or G proteins, constitute a superfamily capable of binding GTP or GDP. G proteins are activated by binding GTP and are inactivated by hydrolyzing GTP to GDP. This general mechanism enables G proteins to perform a wide range of biologic activities. [supplied by OMIM, Jan 2003]</p> <p>Transcript Variant: This variant (2) contains an alternate 5' exon and it thus differs in the 5' UTR and initiates translation at a downstream in-frame start codon, compared to variant 1. The encoded isoform (b) is shorter at the N-terminus, compared to isoform a.</p>