

## Product datasheet for **SC203419**

### GNPTG (NM\_032520) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** GNPTG (NM\_032520) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** GNPTG  
**Synonyms:** C16orf27; GNPTAG; LP2537; RJD9  
**ACCN:** NM\_032520  
**Insert Size:** 1052 bp  
**Insert Sequence:** >SC203419 3'UTR clone of NM\_032520  
The sequence shown below is from the reference sequence of NM\_032520. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGTGACCCAGGACTGCGTGGGAGTTTGTGACCTTGTGGTGGGAGAGCAGAGGTGGACGCGGCCGAGAGC
CCTACAGAGAAGCTGGCTGGTAGGACCCGACGGGACCAGCTGACCAGGCTTGTGCTCAGAGAAGCAGAC
AAAACAAAGATTCAAGGTTTTAATTAATCCCATACTGATAAAAAATACTCCATGAATTCTGTAAACCA
TTGCATAAATGCTATAGTGTAATAAAAAATTTAAACAAGTGTTAACTTTAAACAGTTCGCTACAAGTAAAT
GATTATAAATACTACCTTCTGGGTTAAGAAAATCCATTCAAATAACATTCTCATGTAAATACTCAAAC
ATACAGATTGAGGCTTCCAGAAATTAATCCACTTGAGGCGTCCACGCGGAACAAGGTCTGCTGACCACA
GTTACACACGTCGTGACACCACTGTATCACGGCGAATGTCGAACACTAGAGTTACAGACGACAGGCAAC
AAGAACATGCAGAGCCGCGCCAGCCAGCTCCTACGCCCCGTGCCGCCATGGCCACAGGGGGGAGCT
GCTGGGCGCGCTCCACCTCAGCCTCCACGGGGCACCTTCCAGCCACTGCTGTGCCTCAGCCACCTAGG
AGCCATCCCTGAGGCCATGGCCACCAAGACAGGTGAGGGAGGCCCCAGGGCACACAGCCCCAGGATCTT
GCCCCATTTCCAACCCTGGCAGCGCTGCCAGCATTCTTTGGTCTTCCCACTGCTCACCTGTCCTCAG
AGCCAGTACTGATCTAGGGGAGCAGGTGCCACCTCCATCTCCCAGCTGTCCCCCACCCTGGGGTCC
CCAGCTCTACCACCCCGAAGCTGAGCCCTGGAGACACCCTGAGGGGCGGGCGCCACCTCCTTCCAGA
AAGAGCAGAGCAGCTGGCAGACTAGAGCTCAGCTGCTCCTGACCACTGACAACGGGAGATGTCTCGGC
AGACACCATTATCCCAGAAAAGACCAGAGGCTCCAAATGGGAACCAAGTGCATAAATAAATAAAAA
CAGAGTTACACATCGA
ACGCGTAAGCGGCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<u><a href="#">NM_032520.5</a></u>
<b>Summary:</b>	This gene encodes the gamma subunit of the N-acetylglucosamine-1-phosphotransferase complex. This hexameric complex, composed of alpha, beta and gamma subunits, catalyzes the first step in synthesis of a mannose 6-phosphate lysosomal recognition marker. This enzyme complex is necessary for targeting of lysosomal hydrolases to the lysosome. Mutations in the gene encoding the gamma subunit have been associated with mucopolipidosis IIIC, also known as mucopolipidosis III gamma.[provided by RefSeq, Feb 2010]
<b>Locus ID:</b>	84572
<b>MW:</b>	38.1