

Product datasheet for **SC204209**

GGT5 (NM_004121) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GGT5 (NM_004121) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	GGT5
Synonyms:	GGL; GGT-REL; GGT 5; GGTLA1
ACCN:	NM_004121
Insert Size:	340 bp
Insert Sequence:	>SC204209 3'UTR clone of NM_004121

The sequence shown below is from the reference sequence of NM_004121. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGGAAGAGTGGGGAGGCCGAGGCTACTAAGACACTGCTCTGCCAGAGCTGAAGTCTGCCCCACCAT
GAGTCCTGTGTCCAGGCCGGACATGGCTGGGGGACCAACTACTCTGGCAGGATCTGGACCCCTGGCAGG
GGAGTCCAGCTGAGAGTGGAAGAGGTGGCGGGGACCAGCTGGGCAGATGAGAGGCTGAGCCTCATCCCT
AACCCCTTTCCAGAGCCCTGGTGGTCTGAACCGGCCCTCTATCCCTCCGACGGCCTCTTGCCTG
GGGCCACTCTCCACCCTCTCGATCTGTATATCCTCCAGTCCAAGATTAAGAGGCGGACTGTG
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	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).
Components:	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.
RefSeq:	<u>NM_004121.5</u>



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Summary:

This gene is a member of the gamma-glutamyl transpeptidase gene family, and some reports indicate that it is capable of cleaving the gamma-glutamyl moiety of glutathione. The protein encoded by this gene is synthesized as a single, catalytically-inactive polypeptide, that is processed post-transcriptionally to form a heavy and light subunit, with the catalytic activity contained within the small subunit. The encoded enzyme is able to convert leukotriene C4 to leukotriene D4, but appears to have distinct substrate specificity compared to gamma-glutamyl transpeptidase. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Oct 2014]

Locus ID: 2687

MW: 12.4