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Product datasheet for SC201964

GGT1 (NM_013430) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GGT1 (NM_013430) Human 3' UTR Clone
Symbol:	GGT1
Synonyms:	CD224; D22S672; D22S732; GGT; GGT 1; GGTD; GTG
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_013430
Insert Size:	187 bp
Insert Sequence:	>SC201964 3'UTR clone of NM_013430 The sequence shown below is from the reference sequence of NM_013430. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AGGAAAGGCGGGGAGCCTGCCGGCTACTGAGTGCTCCAGGAGGACAAGGCTGACAAGCAATCCAGGGAC AAGATACTCACCAGGACCAGGAAGGGGACTCTGGGGGACCGGCTTCCCCTGTGAGCAGCAGAGCAGCAC AATAAATGAGGCCACTGTGCCAGGCTCCAGGTGGCCTCCCTGGCCTGTC ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-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:	NM_013430.3

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Summary: The enzyme encoded by this gene is a type I gamma-glutamyltransferase that catalyzes the transfer of the glutamyl moiety of glutathione to a variety of amino acids and dipeptide acceptors. The enzyme is composed of a heavy chain and a light chain, which are derived from a single precursor protein. It is expressed in tissues involved in absorption and secretion and may contribute to the etiology of diabetes and other metabolic disorders. Multiple alternatively spliced variants have been identified. There are a number of related genes present on chromosomes 20 and 22, and putative pseudogenes for this gene on chromosomes 2, 13, and 22. [provided by RefSeq, Jan 2014]

Locus ID: 2678

MW: 6.8