

Product datasheet for RC216501L4V

OriGene Technologies, Inc.

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Glutathione S Transferase theta 2 (GSTT2B) (NM_001080843) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: Glutathione S Transferase theta 2 (GSTT2B) (NM_001080843) Human Tagged ORF Clone

Lentiviral Particle

Symbol: Glutathione S Transferase theta 2

Synonyms: GSTT2P

Mammalian Cell Puromycin

Selection:

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Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

ACCN: NM 001080843

ORF Size: 732 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as (RC216501).

OTI Disclaimer:

Sequence:

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

RefSeq: <u>NM 001080843.1</u>

 RefSeq Size:
 858 bp

 RefSeq ORF:
 735 bp

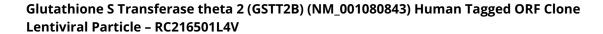
 Locus ID:
 653689

 UniProt ID:
 P0CG30

 Cytogenetics:
 22q11.23

 MW:
 27.3 kDa







Gene Summary:

The protein encoded by this gene, glutathione S-transferase (GST) theta 2B (GSTT2B), is a member of a superfamily of proteins that catalyze the conjugation of reduced glutathione to a variety of electrophilic and hydrophobic compounds. Human GSTs can be divided into five main classes: alpha, mu, pi, theta, and zeta. The theta class includes GSTT1, GSTT2, and GSTT2B. GSTT2 and GSTT2B are nearly identical to each other, and share 55% amino acid identity with GSTT1. All three genes may play a role in human carcinogenesis. The GSTT2B gene is a pseudogene in some populations. [provided by RefSeq, Sep 2015]