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Product datasheet for RC226802L3V

Glutathione S Transferase kappa 1 (GSTK1) (NM_001143680) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Glutathione S Transferase kappa 1 (GSTK1) (NM_001143680) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Glutathione S Transferase kappa 1
Synonyms:	GST; GST13; GST 13-13; GST13-13; GSTK1-1; hGSTK1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001143680
ORF Size:	642 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC226802).`
OTI Disclaimer:	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:	NM_001143680.1, NP_001137152.1
RefSeq ORF:	645 bp
Locus ID:	373156
UniProt ID:	Q9Y2Q3
Cytogenetics:	7q34
Protein Pathways:	Drug metabolism - cytochrome P450, Glutathione metabolism, Metabolism of xenobiotics by cytochrome P450

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MW: 24 kDa

Gene Summary: This gene encodes a member of the kappa class of the glutathione transferase superfamily of enzymes that function in cellular detoxification. The encoded protein is localized to the peroxisome and catalyzes the conjugation of glutathione to a wide range of hydrophobic substates facilitating the removal of these compounds from cells. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Jan 2009]