

Product datasheet for **MR218441L3V**

Gspt2 (NM_008179) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Gspt2
Synonyms:	MGC143748; MGC143749
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_008179
ORF Size:	1896 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(MR218441).

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_008179.2 , NP_032205.2
RefSeq Size:	2508 bp
RefSeq ORF:	1899 bp
Locus ID:	14853
UniProt ID:	Q149F3
Cytogenetics:	X C3



Gene Summary:

Involved in translation termination in response to the termination codons UAA, UAG and UGA. May play a role as a potent stimulator of the release factor activity of ETF1. Exhibits GTPase activity, which is ribosome- and ETF1-dependent. May play a role in cell cycle progression. Component of the transient SURF complex which recruits UPF1 to stalled ribosomes in the context of nonsense-mediated decay (NMD) of mRNAs containing premature stop codons (By similarity).[UniProtKB/Swiss-Prot Function]