

Product datasheet for **MR227532L4V**

Btg2 (NM_007570) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Btg2 (NM_007570) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Btg2
Synonyms:	AA959598; APRO1; Pc3; TIS21
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007570
ORF Size:	474 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227532).
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_007570.2 , NP_031596.1
RefSeq Size:	3083 bp
RefSeq ORF:	477 bp
Locus ID:	12227
UniProt ID:	Q04211
Cytogenetics:	1 58.1 cM



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Gene Summary:

Anti-proliferative protein; the function is mediated by association with deadenylase subunits of the CCR4-NOT complex. Activates mRNA deadenylation in a CNOT6 and CNOT7-dependent manner. In vitro can inhibit deadenylase activity of CNOT7 and CNOT8. Involved in cell cycle regulation. Could be involved in the growth arrest and differentiation of the neuronal precursors. Modulates transcription regulation mediated by ESR1. Involved in mitochondrial depolarization and neurite outgrowth (By similarity).[UniProtKB/Swiss-Prot Function]