

Product datasheet for **MR206553L4V**

Tgtp1 (NM_011579) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Tgtp1 (NM_011579) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tgtp1
Synonyms:	Gtp2; Irgb6; Mg21; Tgtp
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_011579
ORF Size:	1248 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206553).
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_011579.2 , NP_035709.2 , NP_035709.3
RefSeq Size:	2809 bp
RefSeq ORF:	1248 bp
Locus ID:	21822
UniProt ID:	Q62293
Cytogenetics:	11 B1.2



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Gene Summary:

Involved in innate cell-autonomous resistance to intracellular pathogens, such as *Toxoplasma gondii*. During avirulent type II *T. gondii* infection, recruited to the parasitophorous vacuole (PV) membrane, leading to PV vesiculation and rupture, and subsequent digestion of the parasite within the cytosol (PubMed:19265156, PubMed:24563254). Not recruited to virulent type I *T. gondii* PV membrane (PubMed:19265156). May confer an antiviral state for vesicular stomatitis virus (PubMed:9725230).[UniProtKB/Swiss-Prot Function]