

Product datasheet for **MR206377L4V**

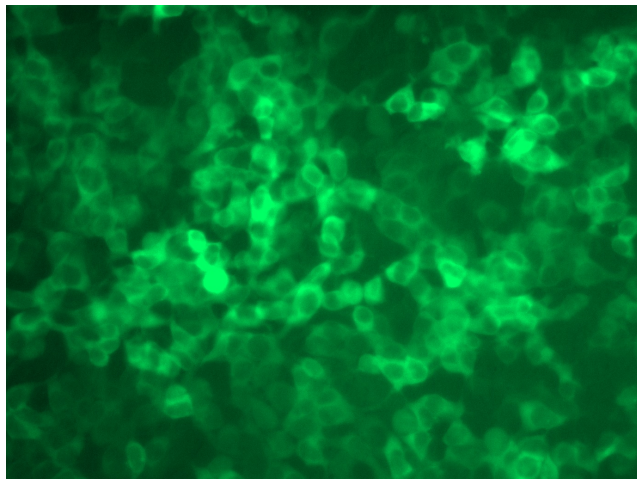
Tdo2 (NM_019911) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Tdo2 (NM_019911) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tdo2
Synonyms:	AA407491; chky; TDO; TO
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_019911
ORF Size:	1221 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206377).
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_019911.2 , NP_064295.2
RefSeq Size:	1646 bp
RefSeq ORF:	1221 bp
Locus ID:	56720
UniProt ID:	P48776
Cytogenetics:	3 E3
Gene Summary:	Heme-dependent dioxygenase that catalyzes the oxidative cleavage of the L-tryptophan (L-Trp) pyrrole ring and converts L-tryptophan to N-formyl-L-kynurenine. Catalyzes the oxidative cleavage of the indole moiety.[UniProtKB/Swiss-Prot Function]



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Product images:

[MR206377L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with MR206377L4V particle to overexpress human Tdo2-mGFP fusion protein.