

Product datasheet for **MR206852L3V**

Got2 (NM_010325) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Got2 (NM_010325) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Got2
Synonyms:	AL022787; FABP-pm; Got-2; Kyat4; mAspAT
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_010325
ORF Size:	1293 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206852).
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_010325.2
RefSeq Size:	2345 bp
RefSeq ORF:	1293 bp
Locus ID:	14719
UniProt ID:	P05202
Cytogenetics:	8 47.79 cM



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Gene Summary:

Catalyzes the irreversible transamination of the L-tryptophan metabolite L-kynurenine to form kynurenic acid (KA). Plays a key role in amino acid metabolism. Important for metabolite exchange between mitochondria and cytosol. Facilitates cellular uptake of long-chain free fatty acids.[UniProtKB/Swiss-Prot Function]