

Product datasheet for **MR206206L4V**

Gpr84 (NM_030720) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Gpr84 (NM_030720) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gpr84
Synonyms:	EX33
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_030720
ORF Size:	1191 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206206).
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_030720.1 , NP_109645.1
RefSeq Size:	1611 bp
RefSeq ORF:	1191 bp
Locus ID:	80910
UniProt ID:	Q8CIM5
Cytogenetics:	15 F3



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Gene Summary:

Receptor for medium-chain free fatty acid (FFA) with carbon chain lengths of C9 to C14. Capric acid (C10:0), undecanoic acid (C11:0) and lauric acid (C12:0) are the most potent agonists. Not activated by short-chain and long-chain saturated and unsaturated FFAs. Activation by medium-chain free fatty acid is coupled to a pertussis toxin sensitive G(i/o) protein pathway. May have important roles in processes from fatty acid metabolism to regulation of the immune system (By similarity).[UniProtKB/Swiss-Prot Function]