

## Product datasheet for **RC208523L4V**

### HM74 (HCAR3) (NM\_006018) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	HM74 (HCAR3) (NM_006018) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HM74
Synonyms:	GPR109B; HCA3; HM74; Puma-g; PUMAG
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006018
ORF Size:	1161 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208523).
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. <a href="#">More info</a>
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:	<a href="#">NM_006018.2</a>
RefSeq Size:	2152 bp
RefSeq ORF:	1164 bp
Locus ID:	8843
UniProt ID:	<a href="#">P49019</a>
Cytogenetics:	12q24.31
Domains:	7tm_1
Protein Families:	Druggable Genome, GPCR, Transmembrane



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**MW:** 44.9 kDa

**Gene Summary:** Receptor for 3-OH-octanoid acid mediates a negative feedback regulation of adipocyte lipolysis to counteract prolipolytic influences under conditions of physiological or pathological increases in beta-oxidation rates. Acts as a low affinity receptor for nicotinic acid. This pharmacological effect requires nicotinic acid doses that are much higher than those provided by a normal diet.[UniProtKB/Swiss-Prot Function]