

Product datasheet for RC224124L2V

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

MAS1 (NM_002377) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: MAS1 (NM_002377) Human Tagged ORF Clone Lentiviral Particle

Symbol: MAS^{*}

Synonyms: MAS; MGRA

Mammalian Cell

Selection:

None

Vector: pLenti-C-mGFP (PS100071)

Tag: mGFP

ACCN: NM_002377

ORF Size: 975 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC224124).

Sequence:
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.

RefSeg: NM 002377.2

 RefSeq Size:
 1135 bp

 RefSeq ORF:
 978 bp

 Locus ID:
 4142

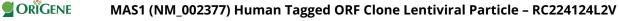
 UniProt ID:
 P04201

 Cytogenetics:
 6q25.3

Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: Neuroactive ligand-receptor interaction, Renin-angiotensin system





MW: 37.3 kDa

Gene Summary: This gene encodes a class I seven-transmembrane G-protein-coupled receptor. The encoded

protein is a receptor for angiotensin-(1-7) and preferentially couples to the Gq protein, activating the phospholipase C signaling pathway. The encoded protein may play a role in multiple processes including hypotension, smooth muscle relaxation and cardioprotection by

mediating the effects of angiotensin-(1-7). [provided by RefSeq, May 2012]