

## Product datasheet for **RC224124L3V**

### 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:	MAS1
Synonyms:	MAS; MGRA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_002377
ORF Size:	975 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224124).
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_002377.2</a>
RefSeq Size:	1135 bp
RefSeq ORF:	978 bp
Locus ID:	4142
UniProt ID:	<a href="#">P04201</a>
Cytogenetics:	6q25.3
Protein Families:	Druggable Genome, GPCR, Transmembrane
Protein Pathways:	Neuroactive ligand-receptor interaction, Renin-angiotensin system



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**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]