

## Product datasheet for **RC224774L4V**

### MACC1 (NM\_182762) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	MACC1 (NM_182762) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MACC1
Synonyms:	7A5; SH3BP4L
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_182762
ORF Size:	2556 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224774).
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_182762.2</a>
RefSeq Size:	3188 bp
RefSeq ORF:	2559 bp
Locus ID:	346389
UniProt ID:	<a href="#">Q6ZN28</a>
Cytogenetics:	7p21.1
MW:	96.5 kDa



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**Gene Summary:**

MACC1 is a key regulator of the hepatocyte growth factor (HGF; MIM 142409)-HGF receptor (HGFR, or MET; MIM 164860) pathway, which is involved in cellular growth, epithelial-mesenchymal transition, angiogenesis, cell motility, invasiveness, and metastasis. Expression of MACC1 in colon cancer (MIM 114500) specimens is an independent prognostic indicator for metastasis formation and metastasis-free survival (Stein et al., 2009 [PubMed 19098908]). [supplied by OMIM, Mar 2009]