

Product datasheet for **RC224287L4V**

MASPIN (SERPINB5) (NM_002639) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MASPIN (SERPINB5) (NM_002639) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MASPIN
Synonyms:	maspin; PI5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002639
ORF Size:	1125 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224287).
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_002639.2
RefSeq Size:	2558 bp
RefSeq ORF:	1128 bp
Locus ID:	5268
UniProt ID:	P36952
Cytogenetics:	18q21.33
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	p53 signaling pathway



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MW: 41.9 kDa

Gene Summary: Tumor suppressor. It blocks the growth, invasion, and metastatic properties of mammary tumors. As it does not undergo the S (stressed) to R (relaxed) conformational transition characteristic of active serpins, it exhibits no serine protease inhibitory activity.
[UniProtKB/Swiss-Prot Function]