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Product datasheet for RC202532L3V

Mesothelin (MSLN) (NM_005823) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Mesothelin (MSLN) (NM_005823) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Mesothelin
Synonyms:	MPF; SMRP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_005823
ORF Size:	1863 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202532).
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_005823.4
RefSeq Size:	2197 bp
RefSeq ORF:	1869 bp
Locus ID:	10232
UniProt ID:	Q13421
Cytogenetics:	16p13.3
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane
MW:	67.9 kDa

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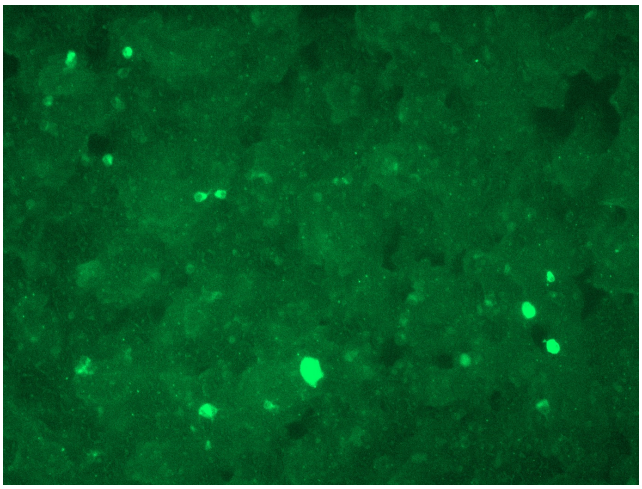
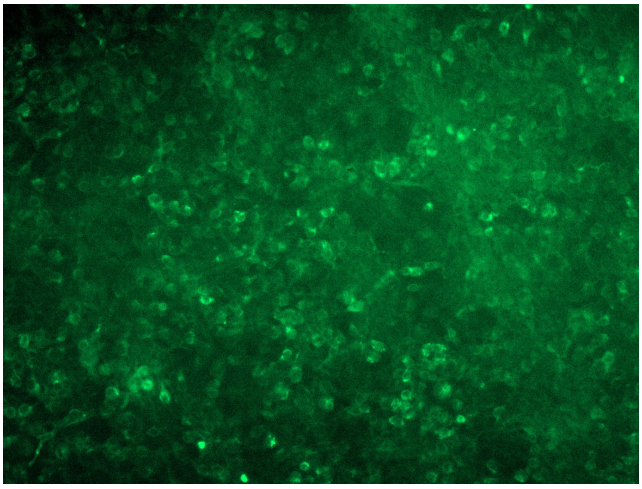
Gene Summary: This gene encodes a preproprotein that is proteolytically processed to generate two protein products, megakaryocyte potentiating factor and mesothelin. Megakaryocyte potentiating factor functions as a cytokine that can stimulate colony formation of bone marrow megakaryocytes. Mesothelin is a glycosylphosphatidylinositol-anchored cell-surface protein that may function as a cell adhesion protein. This protein is overexpressed in epithelial mesotheliomas, ovarian cancers and in specific squamous cell carcinomas. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed. [provided by RefSeq, Feb 2016]

Product images:



[RC202532L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC202532L3V particle to overexpress human MSLN-Myc-DDK fusion protein.



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