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

Product datasheet for RC203141L4V

IP10 (CXCL10) (NM_001565) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	IP10 (CXCL10) (NM_001565) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IP10
Synonyms:	C7; crg-2; gIP-10; IFI10; INP10; IP-10; mob-1; SCYB10
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001565
ORF Size:	294 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC203141).`
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_001565.1
RefSeq Size:	1227 bp
RefSeq ORF:	297 bp
Locus ID:	3627
UniProt ID:	P02778
Cytogenetics:	4q21.1
Domains:	IL8
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane

View online »

Protein Pathways: Chemokine signaling pathway, Cytokine-cytokine receptor interaction, Cytosolic DNA-sensing pathway, RIG-I-like receptor signaling pathway, Toll-like receptor signaling pathway

MW: 10.9 kDa

Gene Summary: This antimicrobial gene encodes a chemokine of the CXC subfamily and ligand for the receptor CXCR3. Binding of this protein to CXCR3 results in pleiotropic effects, including stimulation of monocytes, natural killer and T-cell migration, and modulation of adhesion molecule expression. This gene may also be a key regulator of the 'cytokine storm' immune response to SARS-CoV-2 infection. [provided by RefSeq, Sep 2020]