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Product datasheet for RC204877L4V

GRO beta (CXCL2) (NM_002089) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GRO beta (CXCL2) (NM_002089) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CXCL2
Synonyms:	CINC-2a; GRO2; GROb; MGSA-b; MIP-2a; MIP2; MIP2A; SCYB2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002089
ORF Size:	321 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204877).
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_002089.1
RefSeq Size:	1234 bp
RefSeq ORF:	324 bp
Locus ID:	2920
UniProt ID:	P19875
Cytogenetics:	4q13.3
Domains:	IL8
Protein Families:	Druggable Genome, Secreted Protein

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Protein Pathways: Chemokine signaling pathway, Cytokine-cytokine receptor interaction, NOD-like receptor signaling pathway

MW: 11.4 kDa

Gene Summary: This antimicrobial gene is part of a chemokine superfamily that encodes secreted proteins involved in immunoregulatory and inflammatory processes. The superfamily is divided into four subfamilies based on the arrangement of the N-terminal cysteine residues of the mature peptide. This chemokine, a member of the CXC subfamily, is expressed at sites of inflammation and may suppress hematopoietic progenitor cell proliferation. [provided by RefSeq, Sep 2014]