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Product datasheet for RC218494L3V

CXCL16 (NM_001100812) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CXCL16 (NM_001100812) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CXCL16
Synonyms:	CXCLG16; SR-PSOX; SRPSOX
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001100812
ORF Size:	819 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC218494).`
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_001100812.1, NP_001094282.1
RefSeq Size:	1466 bp
RefSeq ORF:	765 bp
Locus ID:	58191
UniProt ID:	Q9H2A7
Cytogenetics:	17p13.2
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane
Protein Pathways:	Chemokine signaling pathway, Cytokine-cytokine receptor interaction

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MW: 29.5 kDa

Gene Summary: Acts as a scavenger receptor on macrophages, which specifically binds to OxLDL (oxidized low density lipoprotein), suggesting that it may be involved in pathophysiology such as atherogenesis (By similarity). Induces a strong chemotactic response. Induces calcium mobilization. Binds to CXCR6/Bonzo.[UniProtKB/Swiss-Prot Function]

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