

Product datasheet for **RC212044L4V**

Eotaxin 3 (CCL26) (NM_006072) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Eotaxin 3 (CCL26) (NM_006072) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Eotaxin 3
Synonyms:	IMAC; MIP-4a; MIP-4alpha; SCYA26; TSC-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006072
ORF Size:	282 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212044).
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_006072.4 , NP_006063.1
RefSeq Size:	562 bp
RefSeq ORF:	285 bp
Locus ID:	10344
UniProt ID:	Q9Y258
Cytogenetics:	7q11.23
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Chemokine signaling pathway, Cytokine-cytokine receptor interaction



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MW: 10.65 kDa

Gene Summary: This gene is one of two Cys-Cys (CC) cytokine genes clustered on the q arm of chromosome 7. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for normal peripheral blood eosinophils and basophils. This protein also has antimicrobial activity, displaying an antibacterial effect on *S. pneumoniae*, *S. aureus*, Non-typeable *H. influenzae*, and *P. aeruginosa*. The product of this gene is one of three related chemokines that specifically activate chemokine receptor CCR3. This chemokine may contribute to the eosinophil accumulation in atopic diseases. [provided by RefSeq, Jul 2020]