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Product datasheet for RC221263L1V

RANK (TNFRSF11A) (NM_003839) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RANK (TNFRSF11A) (NM_003839) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RANK
Synonyms:	CD265; FEO; LOH18CR1; ODFR; OFE; OPTB7; OSTS; PDB2; RANK; TRANCE-R; TRANCER
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_003839
ORF Size:	1848 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221263).
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_003839.2
RefSeq Size:	3133 bp
RefSeq ORF:	1851 bp
Locus ID:	8792
UniProt ID:	Q9Y6Q6
Cytogenetics:	18q21.33
Domains:	TNFR
Protein Families:	Druggable Genome, Transmembrane

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Protein Pathways: Cytokine-cytokine receptor interaction

MW: 66.03 kDa

Gene Summary: The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptors can interact with various TRAF family proteins, through which this receptor induces the activation of NF-kappa B and MAPK8/JNK. This receptor and its ligand are important regulators of the interaction between T cells and dendritic cells. This receptor is also an essential mediator for osteoclast and lymph node development. Mutations at this locus have been associated with familial expansile osteolysis, autosomal recessive osteopetrosis, and Paget disease of bone. Alternatively spliced transcript variants have been described for this locus. [provided by RefSeq, Aug 2012]