

Product datasheet for RC208991L3V

OriGene Technologies, Inc.

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KREMEN1 (NM_001039571) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: KREMEN1 (NM_001039571) Human Tagged ORF Clone Lentiviral Particle

Symbol: KREMEN⁷

Synonyms: FLJ31863; KREMEM1; KREMEN; kringle-coding gene marking the eye and the nose; kringle-

containing transmembrane protein 1; kringle containing transmembrane protein 1; KRM1;

OTTHUMP00000028977

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Tag: Myc-DDK

ACCN: NM_001039571

ORF Size: 1374 bp

ORF Nucleotide

Sequence:

The ORF insert of this clone is exactly the same as(RC208991).

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.

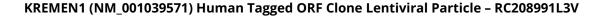
RefSeg: NM 001039571.1, NP 001034660.1

RefSeq Size: 6115 bp
RefSeq ORF: 1376 bp
Locus ID: 83999
Cytogenetics: 22q12.1

Protein Families: Druggable Genome, Transmembrane

MW: 50.18 kDa







Gene Summary:

This gene encodes a high-affinity dickkopf homolog 1 (DKK1) transmembrane receptor that functionally cooperates with DKK1 to block wingless (WNT)/beta-catenin signaling. The encoded protein is a component of a membrane complex that modulates canonical WNT signaling through lipoprotein receptor-related protein 6 (LRP6). It contains extracellular kringle, WSC, and CUB domains. Alternatively spliced transcript variants encoding distinct isoforms have been observed for this gene. [provided by RefSeq, Jul 2008]