

Product datasheet for RC215025L1

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OriGene Technologies, Inc.

LRSAM1 (NM_138361) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: LRSAM1 (NM_138361) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: LRSAM1

Synonyms: CMT2P; RIFLE; TAL

Mammalian Cell None

Selection:

Vector:pLenti-C-Myc-DDK (PS100064)E. coli Selection:Chloramphenicol (34 ug/mL)

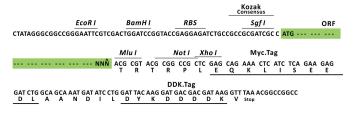
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC215025).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_138361

ORF Size: 2169 bp





LRSAM1 (NM_138361) Human Tagged Lenti ORF Clone - RC215025L1

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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 138361.3</u>

 RefSeq Size:
 3405 bp

 RefSeq ORF:
 2172 bp

 Locus ID:
 90678

 UniProt ID:
 Q6UWE0

Cytogenetics: 9q33.3-q34.11

Domains: LRR, SAM, LRR_TYP, LRR_BAC, LRR_PS

Protein Families: Druggable Genome

MW: 83.6 kDa

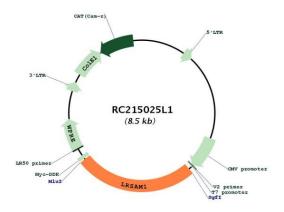
Gene Summary: This gene encodes a ring finger protein involved in a variety of functions, including regulation

of signaling pathways and cell adhesion, mediation of self-ubiquitylation, and involvement in cargo sorting during receptor endocytosis. Mutations in this gene have been associated with Charcot-Marie-Tooth disease. Multiple transcript variants encoding different isoforms have

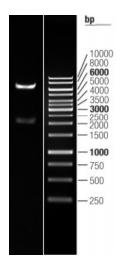
been identified for this gene. [provided by RefSeq, Jan 2012]



Product images:



Circular map for RC215025L1



Double digestion of RC215025L1 using Sgfl and Mlul $\,$