

## Product datasheet for **RC227716A1V**

### Human LANCL1 (NM\_001136574) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human LANCL1 (NM_001136574) AAV Particle
Tag:	Myc-DDK
Symbol:	LANCL1
Synonyms:	GPR69A; p40
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC227716 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**GCGATCGCC**

ATGGCTCAAAGGGCCTCCCGAATCCTTATGCTGATTATAACAAATCCCTGGCCGAAGGCTACTTTGATGCTGCCGGGAGGCTGACTCCTGAGTTCTCACACGCTTGACCAATAAGATTCGGGAGCTTCTTCAGCAAATGGAGAGAGGCCGAAATCAGCAGACCCTCGGGATGGCACC GGTTACACTGGCTGGGCAGGTATTGCTGTGCTTTACTTACATCTTTATGATGATTTGGGGACCCTGCCTACCTACAGTTAGCACATGGCTATGTAAGCAAGTGAAGTGCCTTAACCAAGCGCTCCATCACCTTCCTTTGTGGGGATGCAGGCCCTGGCAGTGGCCGCTGTGCTATATCACAAAGATGAACAATGAGAAGCAGGCAGAGAAGATTGCATCACACGGCTAATTCACCTAATAAGATTGATCCTCATGCTCCAAATGAAATGCTCTATGGGCGAATAGGCTACATCTATGCTCTCTTTTGTCAATAAGAACTTTGGAGTGAAAAAGATTCTCAAAGCCATATTCAGCAGATTTGTGAAACAATTTAACCTCTGGAGAAAACCTAGCTAGGAAGAGAACTTCACGGCAAAGTCTCCACTGATGTATGAATGGTACAGGAATATTATGTAGGGGCTGCTCATGGCCTGGCTGGAATTTATTACTACCTGATGCAGCCAGCCTTCAAGTGAGCCAAGGAAGTTACATAGTTGGTCAAGCCCAGTGTAGACTACGTCTGCCAGCTGAAATTTCCCTTCTGGCAATTACCCTCCATGTATAGGTGATAATCGAGATCTGCTTGCCATTGGTGCCATGGCGCCCTGGGTAATCTACATGCTCATCCAGGCCTATAAGGTATTCAGAGAGGAAAAGTATCTCTGTGATGCCTATCAGTGTGCTGATGTGATCTGGCAATATGGTTGCTGAAGAAGGGATATGGGCTGTGCCACGGTTCTGCAGGGAATGCCTATGCCTTCTGACACTCTACAACCTCACACAGGACATGAAGTACCTGTATAGGGCCTGTAAGTTTGCTGAATGGTGTAGAGTATGGAGAACATGGATGCAGAACCAGACACCCCTTTCTCTCTTTGAAGGAATGGCTGGAACAATATATTTCTGGCTGACCTGCTAGTCCCCACAAAAGCCAGGTTCCCTGCATTGAACTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATTACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	<p>&gt;RC227716 protein sequence  <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MAQRAFNPYADYNKSLAEGYFDAAGRLTPEFSQRLTNKIRELLQQMERGLKSADPRDGTGYTGWAGIAV          LYLHLIDVFGDPAYLQLAHGYVKQSLNCLTKRSITFLCGDAGPLAVAALYHKMNNEKQAEDCITRLIHL          NKIDPHAPNEMLYGRIGYIYALLFVNKNFVGEKIPQSHIQICETILTSGENLARKRNF TAKSPLMYEWY          QEYYVGAHGLAGIYYLQPSLQVSQGLHSLVKPSVDYVCQLKFPSGNYPCCIGDNRDLLVHWCHGAP          GVIYMLIQAYKVFREEKYLCDA YQCADVIWQYGLLKKGYGLCHGSAGNAYAF LTLYNLTQDMKYLYRACK          FAEWCLEYGEHGCRTPDTPFSLFEGMAGTIYFLADLLVPTKARFPAPFEL</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLI</span><span style="color: green;">SEEDLAANDILDYKDDDDKV</span></p>
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_001136574
<b>ORF Size:</b>	1197 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
<b>RefSeq:</b>	<u><a href="#">NM_001136574.1</a></u> , <u><a href="#">NP_001130046.1</a></u>
<b>RefSeq Size:</b>	4531 bp
<b>RefSeq ORF:</b>	1200 bp
<b>Locus ID:</b>	10314
<b>UniProt ID:</b>	<u><a href="#">O43813</a></u>
<b>Cytogenetics:</b>	2q34
<b>MW:</b>	45.3 kDa