

## Product datasheet for **RC233496**

### LCN1 (NM\_001252619) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** LCN1 (NM\_001252619) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** LCN1  
**Synonyms:** PMFA; TLC; TP; VEGP  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RC233496 representing NM\_001252619  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAGCCCTGCTCCTGGCCGTCAGCCTTGGCCTCATTGCTGCCCTGCAGGCCACCACCTCCTGGCCT  
CAGACGAGGAGATTCAGGATGTGTGAGGACGTGGTATCTGAAGGCCATGACGGTGGACAGGGAGTTCCC  
TGAGATGAATCTGGAATCGGTGACACCCATGACCCTCACGACCCTGGAAGGGGGCAACCTGGAAGCCAAG  
GTCACCATGCTGATAAGTGGCCGGTGCCAGGAGGTGAAGGCCGTCCTGGAGAAAACCTGACGAGCCGGGAA  
AATACACGGCCGACGGGGCAAGCACGTGGCATACATCATCAGGTCGCACGTGAAGGACCACTACATCTT  
TACTGTGAGGGCGAGCTGCACGGGAAGCCGGTCCGAGGGGCAGAGACCCCAAGAACAACCTGGAAGCCT  
TGGAGGACTTTGAGAAAGCCGACAGGAGCCCGGACTCAGCACGGAGAGCATCCTCATCCCAGGCAGAG  
CGAAACCTGCTCTCCAGGGAGCGATTAGGGGCAGGGGACACCTTGGCTCCTCAGCAGCCCAAGGACGGCA  
CCATCCAGCACCTCCGTATTACAGGGACATGAAAAAGCTCCCCACCCTGCAGAACCGCGCTGGCTG  
CACCCCTTCTACCACCCCGCCTTCCCCTGCCCTGCGCCCTCCTCTGTTCTCCA

**ACGCGT**ACGCGGCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**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:** [NM\\_001252619.2](#)

**RefSeq Size:** 776 bp

**RefSeq ORF:** 693 bp

**Locus ID:** 3933

**UniProt ID:** [P31025](#)

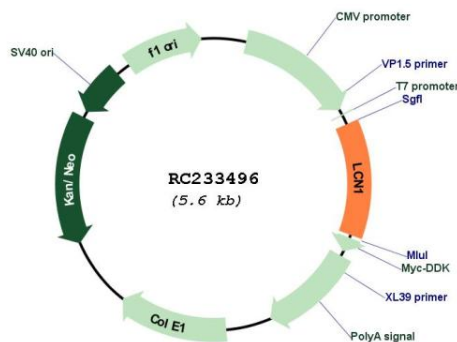
**Cytogenetics:** 9q34.3

**Protein Families:** Secreted Protein

**MW:** 25.5 kDa

**Gene Summary:** This gene encodes a member of the lipocalin family of small secretory proteins. Lipocalins are extracellular transport proteins that bind to a variety of hydrophobic ligands. The encoded protein is the primary lipid binding protein in tears and is overproduced in response to multiple stimuli including infection and stress. The encoded protein may be a marker for chromosome aneuploidy as well as an autoantigen in Sjogren's syndrome. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and two pseudogenes of this gene are also located on the long arm of chromosome 9. [provided by RefSeq, Nov 2011]

**Product images:**



Circular map for RC233496