

## Product datasheet for **RG213758**

### Lipocalin like 1 protein (LCNL1) (NM\_207510) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Lipocalin like 1 protein (LCNL1) (NM\_207510) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** LCNL1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG213758 representing NM\_207510  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGAGTCCTCCCGGCTTTGGTGCTGCACCCCGGGTCCCTGTCCACACCCTCTTTGATCCAGGCTCAGCAG  
GGCTAGGGGCAGGGGAAACCCCACTCACCCGCTCCGCTGACTGGAGTAGGGTTGGCTGGGGAAGAC  
TGCAGCCTCCATCCTACCTTTTCAGTTGCATCCCCAACACTCCCAGGGCCAAAATAGGGACAAGTTG  
GTTGCCTGTGCCTCACTGTCCCCACCCACCCACAAAGACCTGTGACCTTGCCACAGCCCCACCCATCC  
AGCCGTACCCCTGGGTGCCAGCTGCAGACAGGCCGGTGTGGGCTGGTGGGGCCAGTTGCTCATGTAC  
TGAGGCCCCCTCCCTCAGTTCTGCATCGGGTGCAGATGTGTACAGCAGCCCTGCCGTGGCCAGGAAG  
CAGCTGTGTCGGGGCAGAATGTGGTGGGCTCAGGCCAGGGCACAGGGGCGGCCTCCAGCCTTCCCTGC  
ACTTGCCCTGCAGTTCCAGGGCACCTGGTACATGGTGGGGTGGTGTGAGATGACCAGGACTTCTGGAC  
TCCAAGGACACCA

ACGCGTACGCGGCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG213758 representing NM\_207510  
Red=Cloning site Green=Tags(s)

MSPPGFGAAPRVPVHTLFDPGSAGLGAGETPTSPAPSDWSRWLGKTAASILPFQLHPPTLPRAQNRDKL  
VACASLSPHTKTCDLATAPPIQPYPLGASCRQAGAGLVGASCSCTEAPLPQFCIGVEMCTAAPAVARK  
QLCRGRMWWAQAQGTGAASQPSLHLPSSRAPGTWSGWCQMTRTSWTPRTP

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

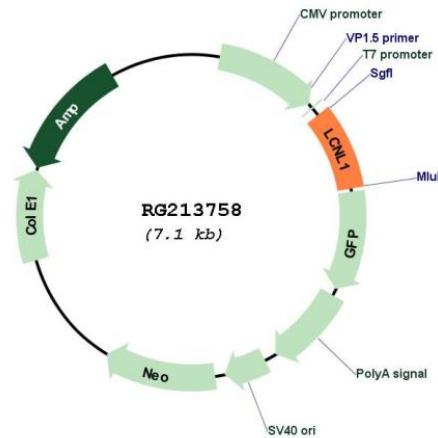


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**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_207510

**ORF Size:** 573 bp

**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.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_207510.2</a></u> , <u><a href="#">NP_997393.2</a></u>
<b>RefSeq Size:</b>	3706 bp
<b>RefSeq ORF:</b>	495 bp
<b>Locus ID:</b>	401562
<b>UniProt ID:</b>	<u><a href="#">Q6ZST4</a></u>
<b>Cytogenetics:</b>	9q34.3