

Product datasheet for **MG220641**

Lcn3 (NM_010694) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lcn3 (NM_010694) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Lcn3
Synonyms: Vnsp1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG220641 representing NM_010694
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCAGACCCTAGAGATGAGGGCTCTGCTCCTGATCATTAGCTTCTGTCTGGTTGCTGCCTGCAGGCC
 AGGACTCTTCATTCTGGCTTTCAATAATGGGAATTTTTCCGAAAATGGTTCCTGAAGGCCTTGGTGTC
 AGAAGACGACATCCCAATAACAAGGTCTCTCCCATGTTAATCTTGGTGTGAACAATGGGACATAGAG
 CTTTCTATCACACATATGATCTATGATCAGTGTCTTGAAGTGACCACCATCTGGAGAAAACAGATGTGC
 CTGGCCAGTACCTTGCCTTTGAGGGTAAGACCCACCTGCAGGTGCAGCTGTCTTCTGTGAAGGGCCACTA
 CATGCTCTACTGTGATGGAGAGATAGAGGGGATGAGATTCCTTGTGACACAGCTCATAGGTAGGGACCCC
 CAGGAAAATTTGGAGGCCTTGGAGGAATTTAAGGTGTTACACAGATAAAGGGACTTGTAGCAGAGAACC
 TGGTCATACTTGAGCAGATGGAAAAATGTGAACAGAGAGTTTCTACGAGCTCCCAAGCCGCCCAAGTGA
 G

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG220641 representing NM_010694
 Red=Cloning site Green=Tags(s)

MQTLEMRALLLIISFCLVAVLQAQDSSFLAFNNGNFSGKWLKALVSEDDIPINKVSPMLILVLNNGDIE
 LSITHMIYDQCLEVTIILEKTDVPGQYLAFEGKTHLQVQLSSVKGHYMLYCDGEIEGMRFLMTQLIGRDP
 QENLEALEEFKVFTQIKGLVAENLVILEQMEKCEPESFYELPSRPSE

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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_010694.1](#), [NP_034824.1](#)

RefSeq Size: 684 bp

RefSeq ORF: 564 bp

Locus ID: 16820

UniProt ID: [Q62471](#)

Cytogenetics: 2 A3

Gene Summary: Transport of lipophilic molecules, possible pheromone-carrier.[UniProtKB/Swiss-Prot Function]