

Product datasheet for **RR208163**

Lcn10 (NM_001128137) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lcn10 (NM_001128137) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Lcn10
Synonyms: RGD1564362
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR208163 representing NM_001128137
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAAGCTGGAGACGGCCCTGGCCATAGCCCTAGTCTGGCTGTGGCATCTTGGACACAGGAGTTTTTCC
 CTAAAGGAGACCCAGACCCTCAACTGGAGCAAGTTTTTCAGGCTTCTGGTACATTCTTGCCATCGCCACAGA
 CACCCAGGGGTTCTACCGGCTAGAGACAAGAGGAAGCTGGGGCATCTGTGGTCAAGGTGCACAAAACA
 GGCCAGATCAGGGTGGTTCATCGCCTTACGCCGGCCTCGGGGATGCCAGTCCAGGGAGGTGACTCTGAAGA
 AAGACAGGAAGAGACCTGTGTTCAAGGAATGCCCTCAGGGGGTAAAGGGCTTCCATGTGCTGTCCACTGA
 CTACACCTACGGCCTGGTATACCTCCGCCTGGGGCGTGCAGGCAGCAACTACAAGAGCCTGCTGCTTTTC
 AACAGACAGAATCTCTAGCTTCTGAGTCTGCGAGAATTCCTGGACACCTGTTCATATTCTACAGCTCA
 CTAAAGCAGGCCACCATCCTCCGAAAGACGATTCCTGTGCACACAGATCCTGCCT

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR208163 representing NM_001128137
 Red=Cloning site Green=Tags(s)

MKLETALAIALVLAVASWTQEFFPKETQLNWSKFSGFWYILAIATDTQGFLPARDKRKL GASVVKVHKT
 GQIRVVIASFRRPGCQSREVTLLKDRKRPVFRNALRGVKGHVLSTDYTYGLVYLRLGRAGSNYKSLLLF
 NRQNISSFLSLREFLDTCHILQLTKQATILPKDDSCAHTILP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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:	<ol style="list-style-type: none">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_001128137.1</u> , <u>NP_001121609.1</u>
RefSeq Size:	1152 bp
RefSeq ORF:	549 bp
Locus ID:	499756
Cytogenetics:	3p13
MW:	20.6 kDa