

Product datasheet for MC211834

Lcn12 (NM_029958) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lcn12 (NM_029958) Mouse Untagged Clone
Tag: Tag Free
Symbol: Lcn12
Synonyms: 9230102M18Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211834 representing NM_029958
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGCCCTTGGTGGGCTCTGTGGCTGATACTCACCTGCCCAAATCCTGGAGAGTCAGATCTCAGCCA
TGCTCAAGGCTTCCCCAGATGACAAGCTTCAAAGTGACCAGTTTCAGGGAGAGTGGTTTGCCTCGG
TCTGGCAGACAACACCTTCAGGAGAGAGCACCGGGCCTTGTGAATTTCTCACTACATTGTTTGAGCTG
AAAGAGAAAAGTCAGTTTCAGGTGACCAACTCCATGACTCGGGGCAAGCACTGCAACACTTGGTCTATA
CCCTGATCCCAGCAACCAAGCCTGGGCAATTCACCAGGGACAACAGAGGGTCAGGGCCTGGGGCAGACAG
AGAGAATATACAGGTCATAGAGACAGACTACATCACGTTTGCCTGGTGTCTCCCTCAGACAGACAAGC
AGCCAGAACATCACAAGGGTCAGCCTTCTGGGTAGAACTGGAGACTTTCTCATAAGACAATAGACAAGT
TCATCTGCCTGACCAGGACCCAAAACCTCACAAGGATAAATTCTCTTTCTGATTTGAGTGACTGGTT
ACCGGATCCACAAGTCTGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_029958
Insert Size: 582 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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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_029958.1</u> , <u>NP_084234.1</u>
RefSeq Size:	745 bp
RefSeq ORF:	582 bp
Locus ID:	77701
UniProt ID:	<u>Q6JVL5</u>
Cytogenetics:	2 A3
Gene Summary:	Binds all-trans retinoic acid and may act as a retinoid carrier protein within the epididymis. May play a role in male fertility (By similarity).[UniProtKB/Swiss-Prot Function]