

Product datasheet for MC226196

Lcn5 (NM_001276257) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lcn5 (NM_001276257) Mouse Untagged Clone
Tag: Tag Free
Symbol: Lcn5
Synonyms: E-RABP; Er; Erabp; mE-R; MEP1; MEP10
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226196 representing NM_001276257
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTGCTCAGTTGCTAGGCATATGGAGAGCATCATGCTCTTCACCTTGCTGGGACTGTGTGTGGGGCTGG
 CAGCTGGCACAGAGGCTGCAGTGGTGAAGGACTTCGACGTAACAAGTTTTAGGCTTCTGGTATGAAAT
 TGCCCTTGCCCTCAAGATGGGTGCATACGGCTTGGCACACAAGGAGGAGAAGATGGGAGCCATGGTGGTT
 GAGCTGAAAGAGAACCTTCTGGCTCTGACCACCACCTATTACAATGAGGGCCACTGTGTGCTGGAGAAGG
 TTGCAGCCACTCAGGTGGACGGTTCAGCGAAGTACAAGGTCACCAGAATATCAGGAGAGAAAAGTTGT
 TGTGTAGCCACAGACTACATGACGTATACTGTGATTGATATCACCTCTCTGGTGGCCGGGGCAGTACAT
 CGAGCCATGAAACTGTACAGCCGGAGCTTGGACAACAATGGGGAAGCTCTGAATAATTTCCAGAAGATAG
 CCTTGAAGCATGGGTTTTAGAAAACAGACATACACATTCTCAAGCATGACTATATAGAAATCAAGGCTTT
 GCCAAAGCCAGGCAGCTGA

ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001276257
Insert Size: 579 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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OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	NM_001276257.1 , NP_001263186.1
RefSeq Size:	804 bp
RefSeq ORF:	579 bp
Locus ID:	13863
UniProt ID:	A2A1B7
Cytogenetics:	2 A3
Gene Summary:	<p>This gene encodes a small secreted protein that is expressed in the epididymis and binds retinoic acid. The precursor protein is processed into both a longer major form and a shorter minor form. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2013]</p> <p>Transcript Variant: This variant (3) differs in the 3' coding region and 3' UTR, compared to variant 1. The encoded isoform (c) is the same length but has a distinct C-terminus, compared to isoform a.</p>