

## Product datasheet for **MC208446**

### Lcn5 (NM\_001042630) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Lcn5 (NM_001042630) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lcn5
Synonyms:	E-RABP; Er; Erabp; mE-R; MEP1; MEP10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208446 representing NM_001042630 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGGATCGCC**

ATGTGCTCAGTTGCTAGGCATATGGAGAGCATCATGCTCTTCACCTTGCTGGGACTGTGTGTGGGGCTGGCAGCTGGCACAGAGGCTGCAGTGGTGAAGGACTTCGACGTAACAAGTTTTAGGCTTCTGGTATGAAATGCCCCTTGCCCAAGATGGGTGCATACGGCTTGGCACACAAGGAGGAGAAGATGGGAGCCATGGTGGTTGAGCTGAAAGAGAACCTTCTGGCTCTGACCACCACCTATTACAATGAGGGCCACTGTGTGCTGGAGAAGTTGCAGCCACTCAGGTGGACGGTTCAGCGAAGTACAAGGTCACCAGAATATCAGGAGAGAAAGAAGTTGTGTTGTAGCCACAGACTACATGACGTATACTGTGATTGATATCACCTCTCTGGTGGCCGGGCGAGTACATCGAGCCATGAAACTGTACAGCCGGAGCTTGGACAACAATGGGGAAGCTCTGAATAATTTCCAGAAGATAGCCTTGAAGCATGGGTTTTCAGAAACAGACATACACATTCTCAAGCATGAC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA

Chromatograms:	<a href="https://cdn.origene.com/chromatograms/ja3103_f08.zip">https://cdn.origene.com/chromatograms/ja3103_f08.zip</a>
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001042630
Insert Size:	543 bp



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<b>OTI Disclaimer:</b>	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).
<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_001042630.2</a></u> , <u><a href="#">NP_001036095.1</a></u>
<b>RefSeq Size:</b>	916 bp
<b>RefSeq ORF:</b>	543 bp
<b>Locus ID:</b>	13863
<b>UniProt ID:</b>	<u><a href="#">A2A1B7</a></u>
<b>Cytogenetics:</b>	2 A3
<b>Gene Summary:</b>	<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 (2) differs in the 3' coding region and 3' UTR, compared to variant 1. The encoded isoform (b) has a shorter C-terminus, compared to isoform a.</p>