

Product datasheet for **MG216680**

Lcn5 (NM_001042630) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lcn5 (NM_001042630) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Lcn5
Synonyms: E-RABP; Er; Erabp; mE-R; MEP1; MEP10
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG216680 representing NM_001042630
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTGCTCAGTTGCTAGGCATATGGAGAGCATCATGCTCTTCACCTTGCTGGGACTGTGTGTGGGGCTGG
 CAGCTGGCACAGAGGCTGCAGTGGTGAAGGACTTCGACGTAACAAGTTTTAGGCTTCTGGTATGAAAT
 TGCCCTTGCTCCAAGATGGGTGCATACGGCTTGGCACACAAGGAGGAGAAGATGGGAGCCATGGTGGTT
 GAGCTGAAAGAGAACCTTCTGGCTCTGACCACCACCTATTACAATGAGGGCCACTGTGTGCTGGAGAAGG
 TTGCAGCCACTCAGGTGGACGGTTCAGCGAAGTACAAGGTCACCAGAATATCAGGAGAGAAAGAAGTTGT
 TGTGTAGCCACAGACTACATGACGTATACTGTGATTGATATCACCTCTCTGGTGGCCGGGGCAGTACAT
 CGAGCCATGAAACTGTACAGCCGGAGCTTGGACAACAATGGGGAAGCTCTGAATAATTTCCAGAAGATAG
 CCTGAAGCATGGGTTTTTCAGAAACAGACATACACATTCTCAAGCATGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG216680 representing NM_001042630
 Red=Cloning site Green=Tags(s)

MCSVARHMESIMLFTLLGLCVGLAAGTEAAVVKDFDVKFLGFWYIEIALASKMGAYGLAHKEEKMGAMVV
 ELKENLLALTTTTYNEGHCVLEKVAATQVDGSAKYKVTRISGEKEVVVVATDYMITYVIDITSLVAGAVH
 RAMKLYSRSLDNNGEALNNFQKIALKHGFSETDIHILKHD

TRTRPLE - GFP Tag - V

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_001042630.2</u> , <u>NP_001036095.1</u>
RefSeq Size:	913 bp
RefSeq ORF:	543 bp
Locus ID:	13863
UniProt ID:	<u>A2AIB7</u>
Cytogenetics:	2 A3
Gene Summary:	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]