

Product datasheet for **MR228407**

Lcn5 (NM_001276257) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lcn5 (NM_001276257) Mouse Tagged ORF Clone
Tag: Myc-DDK
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
ORF Nucleotide Sequence: >MR228407 representing NM_001276257
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTGCTCAGTTGCTAGGCATATGGAGAGCATCATGCTCTTCACCTTGCTGGGACTGTGTGTGGGGCTGG
 CAGCTGGCACAGAGGCTGCAGTGGTGAAGGACTTCGACGTAACAAGTTTTAGGCTTCTGGTATGAAAT
 TGCCCTTGCCCTCAAGATGGGTGCATACGGCTTGGCACACAAGGAGGAGAAGATGGGAGCCATGGTGGTT
 GAGCTGAAAGAGAACCTTCTGGCTCTGACCACCACCTATTACAATGAGGGCCACTGTGTGCTGGAGAAGG
 TTGCAGCCACTCAGGTGGACGGTTCAGCGAAGTACAAGGTCACCAGAATATCAGGAGAGAAAAGTTGT
 TGTGTAGCCACAGACTACATGACGTATACTGTGATTGATATCACCTCTCTGGTGGCCGGGGCAGTACAT
 CGAGCCATGAAACTGTACAGCCGGAGCTTGGACAACAATGGGGAAGCTCTGAATAATTTCCAGAAGATAG
 CCTTGAAGCATGGGTTTTAGAAAACAGACATACACATTCTCAAGCATGACTATATAGAAATCAAGGCTTT
 GCCAAAGCCAGGCAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR228407 representing NM_001276257
 Red=Cloning site Green=Tags(s)

MCSVARHMESIMLFTLLGLCVGLAAGTEAAVVKDFVKNKFLGFWYEIALASKMGAYGLAHKEEKMGAMVV
 ELKENLLALTTYYNEGHCVLEKVAATQVDGSAKYKVTIRISGEKEVVVATDYMTYTVIDITSLVAGAVH
 RAMKLYSRSLDNNGEALNNFQKIALKHGFSETDIHILKHDYIEIKALPKPGS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Reconstitution Method:

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

MW: 21.5 kDa

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]