

Product datasheet for **RR204017**

Emp3 (NM_030847) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Emp3 (NM_030847) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Emp3
Synonyms: MGC108667
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR204017 representing NM_030847
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCACTCCTCCTGTTGGTGGTCTCTGCCCTCACATCCTATTCTTGTCTTGCTTTTCGTGGCCACTC
TGGACAAGTCCTGGTGGACTCTCCAGAGAAGGAGTCCCTGAACCTGTGGTATGACTGCAGTGGAACAC
CACCGCTAAAACGTGGGCTGCAGTAACGTCAGTGAGAACGGCTGGCTGAAGGCAGTGCAGGCGCTCATG
GTGCTGTCTCTCATCCTCTGCTGTCTGTCTTCACTCTTCATGATCCAACCTACACCATGCGGAGAG
GAGGGCTCTTCTACGCCACCGGCCTCTGCCAGCTCTGCACCAGTGGCGCTGTGTTCTCCGGGCACTGAT
CTATGCCATCCATGCTAAGGAGATCCTGGCAAAGCACCCGAGTGGAGGCAGCTTCGGCTACTGCTTCGCC
CTGGCCTGGGTGGCCTTCCACTCGCCCTGGTCAGTGGCATCATCTACATCCACCTGCGGAAACGAGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR204017 representing NM_030847
Red=Cloning site Green=Tags(s)

MSLLLLVVSALHILILVLLFVATLDKSWWTLPEKESLNLWYDCTWNTTAKTWACSNVSENGWLKAVQALM
VLSLILCCLSFILFMIQLYTMRRGGLFYATGLCQLCTSAAVFSGALIYAIHAKEILAKHPSGSGFYCF
LAWVAFPLALVSGIYIHLRRE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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_030847.1</u> , <u>NP_110474.1</u>
RefSeq Size:	737 bp
RefSeq ORF:	492 bp
Locus ID:	81505
UniProt ID:	<u>Q9QYW5</u>
Cytogenetics:	1q22
MW:	18.2 kDa
Gene Summary:	may control dome formation in mammary cells [RGD, Feb 2006]