

Product datasheet for **RN208721**

LOC100158225 (NM_001127606) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LOC100158225 (NM_001127606) Rat Untagged Clone
Tag:	Tag Free
Symbol:	LOC100158225
Synonyms:	MGC188077
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN208721 representing NM_001127606
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGCTTGGCGTTAAAGCAAGCTACCTGCTACCGGCAGACTGCGCTCAGCGGCTGGTAGCCGAGCTGCAGG
 GCGCTCTGGACTCCTGCGCCGATCAACAGCGGCAGTTGGAGCGAAGCCTGCGCGTTTCCAGGAGGCTGCT
 GCAGGTCTGGGAACCAACCAGGACCCCGTCTCCAGTTCAGAAACCAAGGAAGAGGACTCGAGTCCAGCG
 TGTACACCGAGTTCTCAAGACCTTGAGGAGCTGGAACCTTTGACCCAGGCACTGGAGAAGGCTGTTCTGTG
 TGAGGAAAGGTGTGTCAATGCTGGGCAAAGAGACAGGACCCCACTGACATCTAAGGCAACCACTTC
 TGGTACCACGGCTTCTGCCCCTCCTCAGGCTCCCAGCAGGACTGGGAGTCGTGCATTAGGTGCAAGACCC
 ACCAAGGGCATACGACGGGCCACAGCCTCTGCCAAGGATTACCCTGAGTGCAGACTTCAGACAAGGGGAG
 ATAAGACCAAGTAAGAACAAGACCAAGCTGCTGGGTATGGACCAGGCCTCAGGGACCAGGCCCCATC
 ATCTGTTGGCCATGCCACAGAATCTTACATTAAGAGAGAGGGGACTCTCTTGACGCTACCTGTGGCC
 TTCAGGAAGGCAGCTTCTCGGAATTCGCCCTGTGGGCCAGCTCAGCTCTACACAAACCAATGACTCCA
 CAGACGCCACTAGAGCCACCAAACTCAGTTCCATAACTCCAGATGGCTTCAGGCTGTTCCAGCCA
 CAGGCCCTGTGCTACAGAAGTGGAGGCGCATGCCAGAGCCTGAGAAAGGCCTGTACACTGCTGAGACGT
 CATGTGCAAAAGGAAGTGCAGCAGCCCCACTGACTGGATGCAGGAGTACCGATGCCTGCTCACCTGG
 AAGGACTGCAGACCATTGTTGGGCGAGTGTCTCCACAGGATACAGGCGCTGCAAGCAGCTGTGACAGAAC
 GCCTCCAGGGGTGTGCCTTGACAGAGAAGCCCACTCAGGTCTCGTCGGTTTGTGAAGGAGAGGTGGACTCT
 TCCTGGAGCCCTGAGCTCCTTCTACTCTAACACCAAGGAGTGCAGACCTTGGCACTTTGAAGCTTC
 GAGTGGCCATGCTAGAGCAGCAGATCCATCTAGAAAAGTTCTGATGGCTGAAGTCTCCTCCTCTGATAAA
 CCCCAGGAGCCAGGAAGACCGCCTTGGCTGGCACTGTGTCGAGTTACATACAGTCTGCTGTGAGGGA
 GGCGAACAGTTCTCTCACAGTCTTCGAGATGACCTGCTGACT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001127606

Insert Size: 1305 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).

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:

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_001127606.1, NP_001121078.1

RefSeq Size: 1994 bp
RefSeq ORF: 1305 bp
Locus ID: 100158225
Cytogenetics: 10q12