

Product datasheet for RN214616

LOC100125364 (NM_001103356) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: LOC100125364 (NM_001103356) Rat Untagged Clone
Tag: Tag Free
Symbol: LOC100125364
Synonyms: C6orf120
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN214616 representing NM_001103356
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTACTCCCTGGAGGTGCGCCCTGTTGATGATCCTGGCATCCCAGGTGGTATCCTGGTAAAAATGTT
 TGGAAAGACGACGACGTCCTGAGGAGTGGCTCCTTCTGCATGTGGTCCAGGGCCAAATAGGAGCCGGGAA
 TTACAGCTACTTGCAGTGAACACGAGGGTAAAATTATTCTCAGGATGCAGAGCCTGAGAGGGGATGCG
 GACCTGTATGTGCCGACAGCACTCCGACCCAAGCTTCGACGAGTATGAGCTGCAGTCTGTCACTTGCC
 GCCAGGACGTAGTCTCTATACCAGCACACTCCAGCGACCGGTCCGGATAGGAATTTATGGACACCCTTC
 TCACCATGAGAGCGACTTTGAGATGAGGGTATACTATGACAGAAGTGTGGATCAGTACCCATTCCGGAGAG
 GCTGCCTATGCCGCTGACCAAACAGGAACCAAGTTCAGTACCAAGCAAGCTTACACTCCAGAGGAGGCAGCCAAAG
 AAGAGGAGTCAGTCTCTGGACGATATTGATTAGCATTGAAATTTGGTCTTGAATTTCTCTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001103356
Insert Size: 558 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).



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| 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_001103356.2</u> , <u>NP_001096826.1</u> |
| RefSeq Size: | 2556 bp |
| RefSeq ORF: | 558 bp |
| Locus ID: | 100125364 |
| UniProt ID: | <u>Q6AY64</u> |
| Cytogenetics: | 1q12 |
| Gene Summary: | May be involved in induction of apoptosis in CD4(+) T-cells, but not CD8(+) T-cells or hepatocytes.[UniProtKB/Swiss-Prot Function] |