

Product datasheet for MC214947

Gm5464 (NM_001034881) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: Gm5464

Synonyms: EG432870

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >MC214947 representing NM_001034881
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTTCATCTGCAATGCAGGCCACAATGGAGGGGTGATCGTCCCGGGAGGGTGAGGAGGGGGCGCAAGC
CCGCGACGGAGGGGCTTCGGTACAGCCCGGGCGGCATGCACACGCCTGCCCGCGCGCCAATCCGCGGAGG
CCGCCGCTGCAGCCCCGCGTGGGGTGACTGCGCAGAGCCAATGGCCTCGCTGACGGCGAGCGCGCGACTG
CACCGCGGCTTCCCCGCCCTGCTCATCAAGCGCGGCCTCCGCCCTGCAGCGGCTGCTGCGGCAGGAGAC
TGCCGGCTGGAGGGACGAGGACAGCATCCGGGAAAGTCTTGGGCTACCGGGCACCGGACGCCCGCCCCCA
AACTGTTTTTTTTTTTTTTGTGACTGCTGGCTACCAAGAAGAAGAGATGGAGGCCAGCGCCTGTGGGGC
AAAAGGGCCCGTCTAGCGCCCTGGCCGCCCTCTGGCTAGCACTCAAGACTCTCTCCTTTGTAGTT
GTGGCGCTTCAGATCTAAGGAGGAAAGCTGTTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001034881

Insert Size: 528 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:	<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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001034881.3</u> , <u>NP_001030053.1</u>
RefSeq Size:	2156 bp
RefSeq ORF:	528 bp
Locus ID:	432870
Cytogenetics:	14