

Product datasheet for **MC207108**

1110002N22Rik (BC094625) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: 1110002N22Rik (BC094625) Mouse Untagged Clone
Tag: Tag Free
Symbol: 1110002N22Rik
Synonyms: FLJ22729
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >BC094625

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCTGTATGCCTTACTCAACAAAACCTTTTGCCGAGGATGGCCAGCACCCGCTGCTGAGCATAAATCGAA
ATGCGGTGGCAAGCACTTTGACCTGATGATCGGCGACACGAGGACGAGTGGGAGGGAGCTAGTGAAGCA
GTTCTCTCTGAGTCTGTGCTGAAGGAGCGCCCTCGGGTGTCTTCCCACAGGACCTCTTAGTGCAGTAC
AGACAGAAGTTGTCAAGAGCTCATACCGATTGAAGAGTTGTATGACTCATTATTACAAGCTGTTGCTT
TTTATGAGTTAGTTTTTGCAAAGACTCAGAGCTCAAATGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA

Restriction Sites: SgfI-MluI

ACCN: BC094625

Insert Size: 324 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).



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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: [BC094625](#), [AAH94625](#)

RefSeq Size: 755 bp

RefSeq ORF: 323 bp

Locus ID: 68550

Cytogenetics: 11 47.53 cM

Gene Summary: Transcription elongation factor which increases mitochondrial RNA polymerase processivity. Regulates transcription of the mitochondrial genome, including genes important for the oxidative phosphorylation machinery (By similarity).[UniProtKB/Swiss-Prot Function]