

Product datasheet for **MC207768**

C330007P06Rik (NM_029951) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: C330007P06Rik (NM_029951) Mouse Untagged Clone
Tag: Tag Free
Symbol: C330007P06Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207768 representing NM_029951
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCCAAAGTCGTGTCGCGGTCGGTGGTCTGCTCAGACACCCGGGACCGGAGGAATATGATGATGGCG
AGAAGCCCCTCCATGTCTACTACTGTTTATGTGGCCAGATGGTCCTGGTCTGGATTGCCAGTTAGAGAA
ATTGCCCATGAGGCCCGGGACCGTCTCGCGTGATCGATGCTGCCAAACATGCTCACAAGTTTTGTAAC
ACAGAAGATGAGGAGACTACTTATCTTCGAGGCCTGAGGGCATTGAACGTCAGTACAGGAAGAAGTGTG
CAAAGTGTGGACTGCCGCTCTTCTACCAATCCCAGCCGAAGAATGCTCCTGTGACCTTCATTGTGGATGG
AGCAGTAGTGAATTTGGCCAAGGCTTTGGGAAAACCAATATATACTCAGAAACAAGAGCCTCCTAAG
AAGTTATGATGACCAAAGGACTAAAGACATGGGCAAGTTCAGCTCTGTTACTGTGTCTACCATTGATG
AAGAAGAAGAGGAGATAGAGGCTAGGGAAGTTGCTGACTTTACGCGCAGAATGCCAAAGTGATTGAAAA
GCAGCTGGAGCGCAAAGGCATGAGCAAGAGGAGGCTGCAGGAGTTGGCTGAATTGGAAGCCAAGAAAGCA
AAAATGAAGGGGACCCTGATCGACAATCAGTTCAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_029951
Insert Size: 669 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:	NM_029951.1 , NP_084227.1
RefSeq Size:	3340 bp
RefSeq ORF:	669 bp
Locus ID:	77644
UniProt ID:	Q8VDP2
Cytogenetics:	X A3.3
Gene Summary:	Stimulates membrane curvature formation and subsequent endoplasmic reticulum exit site (ERES) establishment by recruiting PI3K complex I, leading to COPII vesicle-mediated transport (By similarity). Promotes endoplasmic reticulum (ER) exit of cGAMP-activated STING1 oligomers (PubMed:32690950).[UniProtKB/Swiss-Prot Function]