

Product datasheet for **MC212801**

Cdnf (NM_177647) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cdnf (NM_177647) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cdnf
Synonyms: 9330140G23; Armet1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212801 representing NM_177647
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCGGTGCATCAGTCCAACCTGCTCTGGTGACCTTTTGCGCCGGGTTTTGTATCTCGAACCTGTGCTGG
CGCAGGGCCTGGAGGCCGGTGTGGGCGGAGGGCTGACTGTGAAGTATGTAAGAATTCTAGACCGATT
CTACAACCTCCCTGCTAAGCAGAGGCATAGACTTTTCTGCGGACCCATAGAGAAAGAGCTGCTCACTTT
TGCTCAGATGCCAAAGGAAAAGAAAACCGCCTGTGCTATTATCTGGGGGCCACCACAGATGCAGCCACCA
AGATCCTAGGAGAAGTCACTCGTCCCATGAGTGTACACATACCTGCCGTGAAGATTTGTGAGAAGCTAAA
GAAGATGGACAGCCAGATCTGTGAGCTGAAATACGGGAAGAAGCTGGACTTGGCGTCCGGTGGACCTGTGG
AAGATGAGAGTGGCAGAGCTAAAGCAGATCCTTCAGAGATGGGGGAAGAGTGCAGGGCATGTGCGGAGA
AAAGTACTACGTGAACCTCATTAGAGAGCTGGCCCCAAATATGTAGAGATATACCCCCAACGGAGCT
CTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_177647
Insert Size: 564 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_177647.4</u> , <u>NP_808315.1</u>
RefSeq Size:	3013 bp
RefSeq ORF:	564 bp
Locus ID:	227526
UniProt ID:	<u>Q8CC36</u>
Cytogenetics:	2 A1
Gene Summary:	Trophic factor for dopamine neurons. Prevents the 6-hydroxydopamine (6-OHDA)-induced degeneration of dopaminergic neurons. When administered after 6-OHDA-lesioning, restores the dopaminergic function and prevents the degeneration of dopaminergic neurons in substantia nigra (By similarity).[UniProtKB/Swiss-Prot Function]