

Product datasheet for **MC211034**

Metrn (NM_133719) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Metrn (NM_133719) Mouse Untagged Clone
Tag: Tag Free
Symbol: Metrn
Synonyms: 1810034B16Rik; EyeLinc16; Hyrac
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211034 representing NM_133719
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCTGGTAGCCACGCTTCTTTGCGCGCTCTGTTGCGGCCTCTGGCCGCGTCCGCTCACGCTGGCTACT
CGGAAGACCGCTGCAGCTGGAGGGCAGCGTTTGACCCAGGAGCCTGGCAGCGTGGGGCAGCTGACCC
GGACTGTACTGAGGGCGCTATCGAGTGGCTGTACCCAGCTGGGGCGCTGCGCCTGACCCTGGCGGCCCC
GATCCGGGCACACGGCCAGCATCGTCTGTCTGCGCCAGAGCGCCCTTCGCTGGTGCCAGGTCTTCG
CTGAACGTATGACCGGAATCTAGAGTTGCTACTGGCCGAGGGCCCGGACCTGGCTGGGGCCGCTGCAT
GCGCTGGGGTCCCCGCGAGCGCCGAGCCCTTTTCTGCGAGCCACACCACCGCGACATCAGCCGAGA
GTTGCTGCCTCCGTTTTGAAGTGCACGAGGACCAACGTGCAGAAATGTCTCCCCAGGCTCAAGTCTTG
GTGTGGATGGTGCTGCAGGCCCTGCAGTGTGCCGAGCTCCTCCTGGCTGCATGCACCAAGTATTTGT
GATCCACGGGACCATCCATGGGGTCGCCATGACACAGAGCTGCAAGAATCAGTCATCACTGTGGTGGT
GCTCGTGTATCCGCCAGACACTGCCACTGTTCAAGGAAGGAGCTCGGAGGGCCAAGGCCGGCCCTCCA
TTCGTACCTTGTGCGCTGTGGTGTGCGTCTGGCCAGGCTCCTCCTTTCATGGGCTGGAGCCGATT
TGGCGAAGCTTGGCTGGGCTGTGCTCCCCGCTTCCAAGAGTTTCAGCCGTGTCTATTACAGTGTCTCAGC
ACCCATCTCAACCATGTGAGATGGCACTGGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_133719
Insert Size: 876 bp



[View online »](#)

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.
RefSeq:	NM_133719.2 , NP_598480.1
RefSeq Size:	1363 bp
RefSeq ORF:	876 bp
Locus ID:	70083
UniProt ID:	Q8C1Q4
Cytogenetics:	17 A3.3
Gene Summary:	Involved in both glial cell differentiation and axonal network formation during neurogenesis. Promotes astrocyte differentiation and transforms cerebellar astrocytes into radial glia. Also induces axonal extension in small and intermediate neurons of sensory ganglia by activating nearby satellite glia.[UniProtKB/Swiss-Prot Function]