

Product datasheet for **SC112295**

METR N (NM_024042) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	METR N (NM_024042) Human Untagged Clone
Tag:	Tag Free
Symbol:	METR N
Synonyms:	C16orf23; c380A1.2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_024042, the custom clone sequence may differ by one or more nucleotides

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ATGGGGTTCCCGCCGCGGCGCTGCTCTGCGCGCTGTGCTGCGGCCTCCTGGCCCCGGCTGCCCGGCCG  
GCTACTCCGAGGAGCGCTGCAGCTGGAGGGGACGCGGCCTCACCCAGGAGCCCGGACGCTGGGGCAGCT  
GGCCCTGGCCTGTGCGGAGGGCGCGTTGAGTGGCTGTACCCGGCTGGGGCGCTGCGCCTGACCCTGGG  
GGCCCCGATCCCAGAGCGCGGCCCGGCATCGCCTGTCTGCGGCCGGTGGCCCTTCGCGGGCGCCAGG  
TCTTCGCGGAGCGCGCAGGGGGCGCCCTGGAGCTGCTGCTGGCCGAGGGCCGGGCCCGGACGGGGCCG  
CTGCGTGCCTGGGTCCCGCGAGCGCGGGCCCTTCTCTGCAGGCCACGCCGACCCAGGACATCAGC  
CGCCGCGTGGCCGCTTCCGCTTTGAGCTGCGCGAGGACGGCGCCCGAGCTGCCCCCGCAGGCCACG  
GTCTCGGCGTAGACGGTGCCTGCAGGCCCTGCAGCGACGCTGAGCTGCTCCTGGCCGCATGCACCAGCGA  
TTTCGTAATTCACGGGATCATCCATGGGGTACCCATGACGTGGAGCTGCAGGAGTCTGTATCACTGTG  
GTGGCCGCCCCTGCTCCTCCGCCAGACCCCGCTGTTCCAGGCGGGGCGATCCGGGGACCAAGGGCTGA  
CCTCCATTTCGTAACCCACTGCGCTGTGGCGTCCACCCGGGCCAGGCACCTTCTCTTATGGGCTGGAG  
CCGCTTTGGGGAGGCCCGGCTGGGCTGTGCCCCACGATTCCAGGAGTTCGCGCTGCCTACGAGGCTGCC  
CGTGCTGCCACCTCCACCCCTGCGAGGTGGCGCTGCACTGA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_024042 unedited TATACGACTTACTATAGGGCGGCCGCGATTTCGGCACGAGGGCGGAGCGGCCGCGGGCTTG GGGGCTTCGCGGGGGCCGGGCGGCCGCCCGGCTGCTCCCGCCGCCCGCCGGACCC GCGCCCCCGCGGGGACGCGGTGGTGAGAGCCCCGACTCCCCGACGCCGCCCGCGGTGCC ATGGGGTTCGCGGCCGCGGCGTGTCTGCGCGCTGTGCTGCGGCCTCCTGGCCCCGGT GCCCGCGCCGGCTACTCCGAGGAGCGCTGCAGCTGGAGGGGACGCGCCCTCACCCAGGAG CCCGCAGCGTGGGGCAGCTGGCCCTGGCCTGTGCGGAGGGCGCGGTTGAGTGGCTGTAC CCGGCTGGGGCGCTGCGCCTGACCCTGGGCGGCCCGATCCCAGAGCGCGGCCCGGCATC GCCTGTCTGCGGCCGGTTCGCGGCCCTTCGCGGGCGCCAGGTCTTCGCGGAGCGCGCAGGG GGCGCCCTGGAGCTGCTGCTGGCCGAGGGCCCGGGCCCGCAGGGGGCCGCTGCTGCGC TGGGGTCCCCGCGAGCGCCGGGCCCTTCTCCTGCAGGCCACGCCACCAGGACATCAGC CGCCGCTGGCCGCTTCCGCTTTGAGCTGCGCGAGGACGGGCGCCCCGAGCTGCCNCG TCAGCCCACGGTCTCGCGTAGACAGTGCCTGCCAGCTCTGCAGCGACGCTGAGCTGCTC CTGGCCGATGCACCAGCGACTTCGGTGTGTCCCCGCCATGGGAGAGCCTGGAGCCT GCCTTCCCTTGATGCCTACCGCAGCCCCATGCCNTCCACAGTAATTCACGGGATCCTCC ATGGNGCACCCATGACGTGGAGCTGCAGGAGTCTGTCATCACTGTGGTGGCCCGCCTGT CCTTCCACAAAACCGCCGCTGTTCCAGCGGGCGTATCGGGACCAGGGCTGACTTCATTC</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_024042 unedited GGCAGCAATCTATAGTCGAGTTTTTTTTTTTTTTTTTTTTTTCGCGAACAGATTCTTATTGA TAGTCCCATCACCTCAAAGCAGTGGGCCACCCTTCTCCTACCAGCCCCTCCCAGCA CCCAGCCCCTCAGTGCAGCGCCACCTCGCAGGGGTGGAGGTGGGCAGCACGGGCAGCCTC GTAGGCACGGCGAACTCCTGGAATCGTGGGGCACAGCCATCCGGGCCCTCCCCAAGCG GCTCCAGCCCATGAAGAGGAAGGTGCCTGGGCCCGGGTGGACGCCACAGCGCAGTGGGGT ACGAATGGAGGTAGCCCTGGTCCCCGGATCGCCCCGCTGGAACAGCGCGGTGTCTG GCGGAGGACACGGGCGGCCACCACAGTGATGACAGACTCCTGCAGCTCCACGTCATGGGT GACCCCATGGATGATCCCGTGAATTACTGTGGGGAGGCATGTGGCTGCGGTAGGCATTCA GGGGAAGGCAGGCTCCAGGCTCCCCCATGGCGGGGACACTCACCGAAGTCGCTGGTGCA TGCGGCCAGGAGCAGCTCATCGTCGCTGCAGGGCCTGCAGGCACCGTCTACGCCGAGACC GTGGGCTGCGGGGGCAGCTCGGAGCGCCCGTCTCGCGCAGCTCATAGCGGAAAGCGGC CAGCGGGCGGCTGATGTCTGGTGGCGGGTGGCCTGCAGTATAGGGCCCCCTCGCTCGCGG TGACCCAGCGCACGCATCGGCCCTGCGGGCCCGGGCCTCGGCCAGCAGAACTCCAGGC GCCCTGCGCGCTCCGCGATACCGGGCGCCGCGATGGCCCCACCGGCCGATACAGCGAT GCCGGCCGCGCTTCGGATCGGGCCGCCATGGTCAGCGCATCGCCCCATCGGTACAGCCC TAACCGGCCCTCCCAGGCATGCCGCTGCCACCTGCGGTTCTGGTGAAGCCTGCCCTCC</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_024042
Insert Size:	1240 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:

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_024042.2](#), [NP_076947.1](#)

RefSeq Size: 1109 bp

RefSeq ORF: 882 bp

Locus ID: 79006

UniProt ID: [Q9UJH8](#)

Cytogenetics: 16p13.3

Protein Families: Secreted Protein

Gene Summary: Meteorin regulates glial cell differentiation and promotes the formation of axonal networks during neurogenesis (Nishino et al., 2004 [PubMed 15085178]).[supplied by OMIM, Mar 2008]