

Product datasheet for **MC207926**

Mettl22 (NM_146247) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mettl22 (NM_146247) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mettl22
Synonyms: MGC38788
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207926 representing NM_146247
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGCCAGCCATGGACGAGGTCACCTTCAAAGTGACACTGTGCTGTCAGATGTCACCTGTACACCC
CCAACCAGAGGCACCTCATGGTGGGCTGAATGGCATGGGGCAGCCAGTCTTCTGTCCCAGTTCAGCT
CTTGTGGAGTCGGGACTCTGGACAGACTCGGGGGCTGAGGACAGTGGTCCCACAGACGTCTCCACAGAG
GAGATGCCCCCTGCTGGGTCAGGAAGTGGCCACAGTCATGAGGATTTGTCCCTCCAGGCTGGGGATGACA
ACACCATCCAGGAAGGGTTGAGTGTTCCCTGGACGAGGATGGGACCTGGATGTGGTACGAAGGCCACG
GGCTGTTCTGATCCCAACCCGGCAGAGCCCGAAGAGACAAGGTACACCCACGATTCTAGCACAGGAG
GAAGATGACCTCGTGGGAGACCAGGAGTACGAGAGCTGCCCCACAGCATCATCAAAATAGAGCACACCA
TGGCCACGCCCTGGAGGATGTAGGCAAGCAGGTGTGGCGGGTGCCTACTCCTGGCAGACTATATCCT
GTTCCGAAGAGACCTCTCCAGGGATGCACCGTGTGGAGCTTGGGGCAGGCACAGGGCTTGCCAGCATC
GTGGCAGCCACGATGGCACACACCGTTTATTGTACAGATGTCGGCACAGACCTCCTGGCCATGTGCCAAC
GAAACGTTGCCCTCAACAGCCACCTGACTGCCACTGGAGGTGGCGTGGTTAAGGTCAAGGAGCTGGACTG
GCTGAAGGACAACCTCTGCACAGATCCCAAAGCCCCCTTCAGCTGGTCAGAAGAAGAAATCGCTGACCTG
TATGACCACACCACTGTGCTGCTTGCAGCCGAAGTGTCTACGATGATGACTTAACCAACGCTCTGTTTA
ACACACTTCCCGACTGGTCCACAGACTGAAAAATGCCTGCACCGCCATCTTCTCAGTGGAAAAAGGTT
CAACTTACACTGAGACACTTGGACGTACGCTGTGAAGCCTACGATCACTTCCGTGCCTCCCTGGACTCA
TTGGAGAAGCTGGCCGATGGCAGGCTGCGCTTCATGGTGGAGCCTGTGGAGGCCTCTTCCCGCAGCTGC
TCGTCTATGAACGCATCCGGCAGCTGGAGCTCTGGAAGATAGTTGTGGAACCAGCAGCG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_146247
Insert Size:	1182 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:	<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_146247.1</u> , <u>NP_666359.1</u>
RefSeq Size:	1347 bp
RefSeq ORF:	1182 bp
Locus ID:	239706
UniProt ID:	<u>Q8R1C6</u>
Cytogenetics:	16 A1
Gene Summary:	Protein N-lysine methyltransferase. In vitro methylates KIN (By similarity).[UniProtKB/Swiss-Prot Function]