

Product datasheet for **MC214861**

Mettl21e (NM_207281) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mettl21e (NM_207281) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mettl21e
Synonyms:	4832428D23Rik; Gm991
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC214861 representing NM_207281 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACCTCACAGTAACTCACATTACTCACAAGAGACCTACAAAGAGCCCAGAGACGATGATGATGACA
AGCAGGTGGTCGAGAGATCATGGCAAGAAGTTTTATCCCAACTCTGATAACGACTATTCCTTGGGAAGG
CTTTCACCTTGCTGGTCATGAGATTAGATTACTGAAGGCAAAGATTGCTATGGTGCATTTGTCTGGCCA
TCGGCCCTTGTCTATGCTATTTCTGAAACACATGCCAAGCAATATAACATGGTTGATAAAAAATGTA
TTGAAATTGGAGCTGGGACAGGGCTTGTCTCCATTGTGGCAAGCTTACTTGGTGTCTGTGATTGCTAC
AGACTTACCTGAATTACTTGAAACCTGCAATATAATATTTCCAGAAACACCAAAATGAAATGCAAGCAT
CTGCCTCAGGTCAAAGAACTATCCTGGGGAGTAGCATTAGACAGGAATTTCCCCAGGTCTTCCAATAACT
TTGACTACATCCTGGCAGCAGATGTTGTCTATGCCATCCGTTCTCGAGGAGCTTCTCATGACCTTTGA
CCATCTCTGCAAAGAACTACCATTATACTCTGGGCTATGAGATTAGGCTGGAGAAAGAAAAATAATTT
GTAGATAAATTTAAGGAAGTGTGACCTGGAAGAAATTTCTAGTTTCCCTAGCCTGAATATTAAGTTGT
ACAAAGCTATGAAGAAAAATCGGAGGAGTGCT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_207281
Insert Size:	735 bp



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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_207281.3 , NP_997164.1
RefSeq Size:	3181 bp
RefSeq ORF:	735 bp
Locus ID:	403183
UniProt ID:	Q8CDZ2
Cytogenetics:	1 C1.1
Gene Summary:	Protein-lysine methyltransferase.[UniProtKB/Swiss-Prot Function]