

Product datasheet for **RG206658**

C12orf26 (METTL25) (NM_032230) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C12orf26 (METTL25) (NM_032230) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C12orf26
Synonyms:	C12orf26
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG206658 representing NM_032230
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCTTCTTGCCTCTCCCGTGACCCCGGACCTGCCACGCTGCGTGCCAAGTTGCAGGGACTGC
 TGCAGTTCCTGAGGGATGCCCTGTCATTTCCAATGCACATACCGTGGATTTCTACACAGAATCCGTGTG
 GGAGGAGCTGGTCGACTTCCACCGGAGACAGTCTGGCTGCGCTGAGGAAGTCAGCGTCGGAGACGGAG
 GCCCTGCCCTCAGAGACGCGCCCTAGTGAAGCAGAGTGGGAAGCAGGTATGACTGATTTTCCAAAA
 TATTTTGTGAACTTCTCAGAAGTTGGTGTGAGTGTGAAGCCTTTGCTCTGGCTGCGAAATACTATTCTGT
 AAAAACTTGGGAATATGTACTCTTTTGAACAGTTGCTTGTAGCCCTTCGAGGAAATCAAAACCAGAGA
 ATTGGTAAAAATCAGAAGGCAGTTGAGTTTATGAATATGAAGAAATCTCATGAAGTTCAGGCAATGCAG
 AGCTGATTAGCAGTATTGCTGACTACTATGGAATAAAGCAGGTGATTGACTTGGGTTCCGGTAAAGGCTA
 CCTAAGCTCTTTTTGTCCTTGAAGTATGGCTTAAAAGTTTATGGAATTGATTCTTCAAATACCAATACT
 CATGGAGCTGAGGAGAGAAAACAGAAAATGAAGAAACATTGGAAACTCTGTCATGCTCAGTCAAGATTAG
 ATGTCAATGGACTAGCATTAAAAATGGCAAAAAGAAAGAAAGTAAAAATAAAGTAAAAATAAAGCTGA
 TACTGAGGAAGTGTAAACAACAGTCTACAAATCAAGAAAAGATGCCTACCTCAGCTATTTTGCCTGAT
 TTTTCTGGCTCTGTAATTTCTAATATCAGAAAACCAATGGAAACCTTCTATTCTCAGCCACATCAAGAAG
 AAAATTTGTGTTTTGAAAATTCCTTTCTTATAAACCTTTTGCCTATTAATGCTGTAGAGCCTACTTC
 TTCACAGCAAATACCAACAGAGAAACATCTGAAGCCAATAAAGAGAGAAGAAAAATGACATCAAAGTCA
 AGTGAATCAAATATATATTCACCTTAACTCTTTTATCACTGCTGATTGAGAACTCCATGACATTATTA
 AAGATTTGGAGGATTGTTTGTGGTGGTCTCCACACTTGTGGTGTGCTGGCTCCAAACTTTTGGCAAT
 ATTTACCTCCAACCTGAAATCAAGGGAGTTTGCAGTGTGGGTTGTTGCTACCACCTTTATCTGAAGAA
 TTTGAAAACCAGCATAAAGAACGTACTCAGAAAAGTGGGGATTTCCAATGTGCCACTATTTAAAGGAAG
 AGAGATGGTGCTGTGGTGTGTAATGCCAGAATGTCAGCATGTTTGGCATTGGAGCGGGTTCAGCTGGCCA
 AGGGCTGCCTACTGAATCACTCTTCTATCGTGCTGTTCTTTCAGGATATTATAAAGATTGTTATGGCATC
 ACCAAATGTGATCGGCATGTTGGTAAAATTTATCCAAATGTTCTTCTTTTCTGGATTATGTCAGACGGT
 CTCTAAAGAAGCTTGGATTAGATGAGTCCAAGCTGCCAGAAAAAATTATAATGAAGTACTACGAGAAGTA
 TAAGCCTCGAATGAATGAGCTGGAAGCTTTAATATGTTGAAAGTGTACTGGCTCCCTGTATAGAGACT
 TTGATTCTTCTGGATCGACTTTGTACCTGAAAGAGCAGGAAGATATTGCATGGTCTGCTCTTGTGAAGT
 TGTTTGATCCCGTAAATCTCCAGATGTTATGCTGTTATTGCCCTGAAGAAGCAGCAG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG206658 representing NM_032230
 Red=Cloning site Green=Tags(s)

MAASCPLVPTDLPDLPTLRKLLQQLRDLALSINAHTVDFYTESVWEELVDLPPETVLAALRKSASETE
 ALPSETRPLVEAEWEAGMTDFPKIFCETSQKLVSEAFALAAKYYSVQNLGICTPFEQLLVALRGNQNR
 IGENQKAVEFMNKKSHVQAMSELISSIADYYGIKQVIDLGSQKGYLSSFLSLKYGLKVVYIDSSNTNT
 HGAEERNRKLKHKWLCHAQSRDLVNLALKMAKERKVKNVKNKADTEEVFNNSPTNQEKMPTSAILPD
 FSGSVISIRNQMETLHSQPHQEENLCFENSFSLINLLPINAVEPTSSQIPNRETSEANKERRKMTSKS
 SESNIYSPLTSFITADSELHDIKDLLEDCLMVGLHTCGDLAPNTRLRIFTSNSEIKGVCSVGCYHLLSEE
 FENQHKERTQEKWGFPMCHYLKEERWCCGRNARMSACLALERVAAGQGLPTESLFYRAVLQDIKDCYGI
 TKDRHVGIYSKCSFLDYVRRSLKGLDESKLPEKIMNYEYKPRMNELEAFNMLKVVLPACIET
 LILLDRLCYLKEQEDIAWSALVKLFDVPKSPRCYAVIALKKQQ

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_032230

ORF Size: 1809 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_032230.1](#), [NP_115606.1](#)

RefSeq Size: 2085 bp

RefSeq ORF: 1812 bp

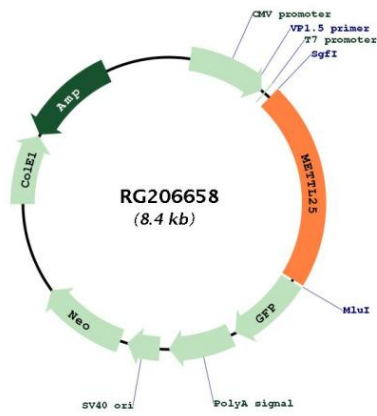
Locus ID: 84190

UniProt ID: [Q8N6Q8](#)

Cytogenetics: 12q21.31

Gene Summary: Putative methyltransferase.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG206658