

Product datasheet for SC317315

Methyltransferase like 5 (METTL5) (NM_014168) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Methyltransferase like 5 (METTL5) (NM_014168) Human Untagged Clone
Tag:	Tag Free
Symbol:	Methyltransferase like 5
Synonyms:	HSPC133; MRT72
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317315 representing NM_014168. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGAAGAAAGTAAGGCTTAAGGAAGTAGAGAGTCGCCTGCAACAAGTGGATGGATTTGAAAAGCCCAAG
 CTACTTCTGGAACAGTATCCTACCAGGCCGCACATTGCAGCATGTATGCTCTATACAATCCATAACACT
 TATGATGACATTGAAAATAAAGTCGTTGCAGATCTAGGATGTGGTTGTGGAGTACTTAGCATCGGAAC
 GCAATGTTAGGAGCAGGTTGTGTGGATTTGACATAGATGAAGACGCATTGGAAATATTTAATAGG
 AATGCAGAAGAGTTTGAGTTAACAAATATTGACATGGTTCAATGTGATGTGTGCTTATTATCTAACAGA
 ATGTCCAAGTCATTTCGATACAGTAATTATGAATCCTCCCTTTGGGACCAAAAATAATAAAGGGACAGAT
 ATGGCTTTTCTAAAGACTGCTTTGGAAATGGCAAGAACAGCAGTATATTCCTTACACAAATCCTCAACT
 AGAGAACATGTTCAAAAGAAAGCTGCAGAAATGGAATCAAGATAGATATTATAGCAGAATTCGATAT
 GACCTGCCAGCATCATACAAGTTTCACAAAAGAAATCAGTGGACATTGAAGTGGACCTAATTCGGTTT
 TCCTTTTAA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_014168
Insert Size:	630 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).


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OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_014168.3
RefSeq Size:	1040 bp
RefSeq ORF:	630 bp
Locus ID:	29081
UniProt ID:	Q9NRN9
Cytogenetics:	2q31.1
Protein Families:	Druggable Genome
MW:	23.7 kDa
Gene Summary:	Probable methyltransferase.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2, and 3 encode the same protein.