

Product datasheet for SC112769

C1orf156 (METTL18) (NM_033418) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C1orf156 (METTL18) (NM_033418) Human Untagged Clone
Tag:	Tag Free
Symbol:	C1orf156
Synonyms:	AsTP2; C1orf156; HPM1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC112769 sequence for NM_033418 edited (data generated by NextGen Sequencing) <pre> ATGACCTTTCAGTTTAATTTCACTATAGACGACCATCTGGAAATGAATTAACACCCATT AGAGATGGAGCTTTGACCTGGATTCTCTAAAAGAGCTGTCAGTCTCAGAAAGTCAAAAA GGAGAAGAGAGGGACAGAAAATGTTCTGCAGAACAATTTGACTTGCCTCAGGATCACTTG TGGGAACATAAGTCAATGGAAAATGCAGCTCCCTCTCAAGACACAGACAGTCCACTCAGT GCAGCCAGCAGTCAAGGAACTTGGAGCCACATGGAAAACAGCCCTCCTTGAGAGCTGCC AAAGAGCATGCTATGCCTAAAGATTTAAAGAAGATGTTAGAAAATAAAGTCATAGAAACA TTACCAGGTTTCCAGCATGTTAAGTTATCAGTAGTGAACCACCTCTGTTGAAAGAGAAC TTCCCTGGAGAAAACATAGTTTCAAAAAGCTTTTCTTCTCACTCTGATCTGATTACAGGT GTTTATGAGGGAGGCTTAAAAATCTGGGAATGTACCTTTGACCTCCTGGCTTATTTTACA AAGGCCAAAGTGAAATTTGCTGGGAAAAAGTCTTGGATCTTGGTTGTGGATCAGGTTTA CTAGGTATAACTGCATTCAAGGGAGGGTCCAAAGAAATCACTTTCAAGATTATAACAGT ATGGTGATTGATGAAGTAACCTTACCTAATGTAGTAGCTAACTCCACTTTGGAAGATGAA GAAAATGATGTAAATGAGCCAGATGTGAAAAGATGCAGGAAACCAAAAGTAACACAACCTA TATAAATGCCGATTTTTTCTGGTGAGTGGTCTGAGTTTTGTAAGCTTGTAAGTACTAAGT GAAAAACTTTTTGTAATAATGATCTCATTCTCACCTCAGAAACCATTTACAACCCAGAT TATTATAGTAATTTGCACCAGACTTTCTTAGACTGTTAAGTAAAAATGGACGTGTACTT TTGGCCAGCAAAGCACATTATTTTGGTGTAGGTGGAGGTGTTTCATCTCTTCAGAAGTTT GTAGAAGAAAGAGATGTTTTTAAGACCAGAATACTCAAAATAATTGATGAAGGATTGAAG AGGTTTCATAATTGAAATAACTTTTAAGTTTCTGGTTAA </pre>

Clone variation with respect to NM_033418.1

30 a=>c



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_033418 unedited
 GGGCAACATTTGTATACGACTCCTATAGGGCGGCCGGAATTCGCACGAGGATTTAGGTC
 CGGAGGAGGCGTTGTGAGGTGAGCTTTTTCAGAAGCGCGATCCCAGGACACGTCGGAAG
 CAAGCATCCCCAGAGCTGCTTGGAAAGAGGACCAAGACGTCTAAAAAGTCATTTGGAAA
 TATCTCTAAATATTTGTTACCATGTATAAGCTGCTAAAGAGAAATTGGGCCCAACAAAAC
 TAATTGAATAATTGAGGCAGATTTGTGTGTATCATCAAATTCATCCAGAAGTTGAAGAA
 TCTGAATTTAAAGATTGTGTGCATTTAATAAGAGGATGACCTTTTCAGTTTAATTTCACTA
 TAGACGACCATCTGGAATTAACACCCATTAGAGATGGAGCTTTGACCCTGGATT
 CCTCAAAAGAGCTGTGAGTCTCAGAAAGTCAAAAGGAGAGAGAGGGACAGAAATGTT
 CTGCAGAACAAATTTGACTTGCCTCAGGATCACTTGTGGGAACATAAGTCAATGGAAAATG
 CAGCTCCCTCTCAAGACACAGACAGTCCACTCAGTGCAGCCAGCAGTTCAAGGAATTTGG
 AGCCACATGGAACAGCCCTCCTTGAGAGCTGCCAAAGAGCATGCTATGCCTAAAGATT
 TAAAGAAGATGTTAGAAAATAAGTCATAGAAACATTACCAGTTTCCAGCATGTTAAGT
 TATCAGTAGTTGAAACCATCTTGTGAAAGAGAACTTCCCTGGAGAAAACATAGTTTCAA
 NAAAGCTTTCTTCTCACTCTGATCTGATTACAGGTGTTTATGAGGGGAGCTAANAATCT
 GGGAAATGTACCTTTGACCTNCTGGCTTATNTCACANAGCCCAAAGTGAATTTGCTGGGAA
 AAAAGTCTTGATCTTGNTGG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_033418 unedited
 CCGCGGCCGCAATCTANAGTCGAGTTTTTTTTTTTTTTTTTTTGGTCTTCTGTTATTTT
 ATTTTGGATACTCAGTGAATGTTAATTAACCAGGAACTTAAAAGTTATTTCAATTATGA
 ACCTCTTCAATCCTTCATCAATTATTTGAGTATTCTGGTCTTAAAAACATCTCTTCTT
 CTACAACTTCTGAAAGAGATGAACACCTCCACCTACACCAAAATATGTGCTTTGCTGG
 CCAAAAGTACACGTCCATTTTACTTAACAGTCTAAGGAAAGTCTGGTGCAATTTACTAT
 AATAATCTGGGTTGTAATGGTTTCTGAGGTGAGAATGAGATCATATTTACAAAAAGTT
 TTTCACTACTTAGTACAAGCTTACAAAACCTCAGACCACTCACCAGAAAAAATCGGCATT
 TATATAGTTGTGTACTTTTGGTTTCTGCATCTTTTACATCTGGCTCATTTTACATCAT
 TTTCTTCTCTTCAAGTGGAGTTAGCTACTACATTANGTAAGGTTACTTCAATCAATCA
 CCATACTGTTATAATCTTGAAAGTGAATTTCTTTGGACCTCCCTGAATGCAGTTATAC
 CTAGTAAACCTGATCCACAACCAAGATCCAAGACCTTTTTTCCAGCAATTNCACTTTGC
 CCTTTGTGAAATAAGCCAGGAGTCAAAGGTACATTTCCAGATTTTAAAGCCCTCCCTCTA
 AACACCTGTTATCAGATCAGAGTGAGAAGAAAAGCTTTTTGAAACTATGTTTCTTCAAGG
 AGCCCTCTTTCACAAGATGGTTTCACTCCGGTACCTAACATGCTGAAAACCTGGAAGGTT
 CTAGACCTTATTTCTACACCTTCTTAACTTAGGCTACATGCCCTTGGCACTTTAGGAAG
 CTGGTTCTGGGGCTCAAGTCTTGAAGTCTGGTTGCCCTCAAGGACCTGCTGGGTTTGAA
 GGACCGCCTTTCTTGGCTTTGTCCACAGGATCTGCGCCAGTAATG

Restriction Sites:

NotI-NotI

ACCN:

NM_033418

Insert Size:

1500 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:	<u>NM_033418.1, NP_219486.1</u>
RefSeq Size:	1445 bp
RefSeq ORF:	1119 bp
Locus ID:	92342
UniProt ID:	<u>O95568</u>
Cytogenetics:	1q24.2
Gene Summary:	Probable histidine methyltransferase.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript. All three variants encode the same protein.