

Product datasheet for MC201666

Olah (NM_145921) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Olah (NM_145921) Mouse Untagged Clone
Tag: Tag Free
Symbol: Olah
Synonyms: A1607300; E230009B14Rik; Thedc1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC025001 sequence for NM_145921
 CTCCTCTGGAAGGAGCATCGCTGAAAGTTGAGCCTCGCTTCTCCAGAACACTCCTGAGATTCACCATCGA
 GTTCGTGAATTAACCTTGGTCTTAGCATGACTGCCAGGATTTCAGGGACTTCTAGGTGCAGGATTCTG
 ACTGACAGCCATAATCAACGGATTAAAAAGAAATCTGGCCACTTGGTGTACAAAAGGCTTATTGGAGATT
 TTTGTGCCAGAGGGGAATTAATTTCAACACAGTCGCAGAAAGATCTCTGAGAGCAGCAATTCCTAATCAA
 CTCACAGGATGGAGACAGCAGTCTATGCTAAGAGTACCAGGAATGAGAAGTTTTGAACTGTTTGTGTCA
 AAAGCCGGATGCACTTTTCAAGCTGATCTGCTTTCCCTGGGCAGGAGGCGGCTCCACTCATTTTGC
 TGGGGCCGAAAGATTAATGGCTTATTGGAAGTGCATGCTGTAAGACTGGCTGGGAGAGAAACCCGATTTG
 AAGAACCTTTCTCAAATGACATCTACCAGATAGCTGAGGAAGTTGTGACTGCCCTGTTGCCATCATCCG
 TGACAAAGCTTTTGCATTTTTTGGCCACAGTTTCGGATCCTACATTGCTTTTATTACTGCACTGCACCTA
 AAGGAGAAATATAAAATGGAGCCGCTGCATATCTTTGTGTCCAGTGCCTCTGCCCTCACTCAGAATTCC
 GGCTCAAGTTTCTGATATTAACAAATTGTCAGAAGAACAATAAGAGATCACCTTCTGATTTTTGGAGG
 CACTCCCAAGCATCTCATCGAAGACCAGGATTTTCTGAAGCAATGCATTCTTTTGTGGAAGGCAGATGTT
 GACATTGTGAAAAATTCATCTTTGACAAACCCTCAAAGCTCTCCTTTCTCGGGACATCACGTGCTTTA
 TTGGATCTGAAGATGTAGTAAAGGATATAGAAGGCTGGAAAGACATAACCAAGTGGGAAGTTTGTGCTCT
 CAAGCTGCCAGGTGACCACTTTTATCTGATGGAACCGAACACAGGACTTTATCAAGAACTACATAGTC
 AAGTGTGTTGGAGCTCTCCTCACTTGACTACTTCTAGATGAGTTTTCTCTGGGTTTCTAATATGCAAACT
 GATCACAGGCTGTTCTCCAAGTCCAGCTTTTAGTCTTAGAGGTCGAAAGATGCATATTAATGAATTT
 CTCATGGAACATTTATCTCTGGGAAAGACACGGGCTGAAGTGGAGCAGCGGCTTTGTTGGCGTTGA
 CAGTTGCAGAGGGAAGGGGTGGTTTTCTTTGGGAGACTTTGCCACCAATAGGTTACCCAGCCTCCAG
 TAAATGACACCACACCGTGTAGCACATGCAGGAGCTCTAATTGGACTCCGTGGGAAAGCTGGGGGCGGG
 GATGTCTGTACAGGGTTGAAAAGCCAGCGGGAAGTGGGTATGATCAAATGCACAGTTTACACTTAG
 GAAAATTTCAAAGAATAAATAAAATATTGCTAAAGAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_145921



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Insert Size:	798 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>BC025001</u> , <u>AAH25001</u>
RefSeq Size:	1522 bp
RefSeq ORF:	798 bp
Locus ID:	99035
UniProt ID:	<u>Q8R197</u>
Cytogenetics:	2 A1
Gene Summary:	Contributes to the release of free fatty acids from fatty acid synthase (FASN). Has broad substrate specificity, giving rise to a range of free fatty acids with chain lengths between 10 and 16 carbon atoms (C10 - C16).[UniProtKB/Swiss-Prot Function]