

Product datasheet for MC204911

Zdhhc19 (NM_199309) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zdhhc19 (NM_199309) Mouse Untagged Clone
Tag: Tag Free
Symbol: Zdhhc19
Synonyms: Gm616; Gm1744
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC049761

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ATTAAGGGAAAGACCAGCTAGTATGAAGTCTTATAATTTACCTATACACCCTGCTTGTACTGGGACCTGA
GGATTGAATTCGATCCATGTACCTGCACAGCAAGCCCTTTGCCACTGAGCTGTGTACTCTGCCCTGGC
CATGCCTTTCTTAAAGGATGCTGTGACACTTGTGAAGGAACCAACAGCTGCCCTCCATCCCTCTTTCA
TGGTTCCCTCGAGCGTGTGGCTGCTCAATGTAACGCTGCTGCTGTTTTTGTAGTGGCCTTTTCTTCG
GATTCCCTTGTAGGTGGCTGGTTCAGAACGGGAGTGGGCTTTTCTGCCATCACAGGACTCTTCAT
CCTCACCTTCTCAGTCTCGTCTCGCTCAACTTCTCAGACCCTGGTATCTTACATCGAGGCTCCACAAA
GAGGACCCATGACGGTGCATGTTGTTGAGTGAACCAAGGGCTTTCCGCTGGAATGGTGCCCAAGT
GCCTCTTCCATCGCCACCCGAACCTACCACTGCCCGTGGTGAACATTTGCGTGGAGGACTTCGACCA
CCATTGCAAGTGGTCAATAACTGCATCGGTACCGCAACTTCCGCTCTTCATGCTGCTGGTCTGTC
CTCTGTCTCTACTCGGGAGCCCTGCTGGTCACTGCCCTGACATTCCTATTTGCGACAAGGCATCTGCCCT
TCTCCCTGGACAAGGGGATGGCCATCCTGGTGGCTGTGCCGCTGCGGGCTTTTTGATTCCGCTCTTCT
GCTGCTGCTGATCCAGGCCCTATCTGTGAGCAGGGCGGAGAGCTCCTACGAGAGCAAGTGCAGGTACCAT
CCGGAATACAACCCTTTTGACCAGGGCTTTGCCAAGAACTGGTATCTGGCAATGTTTGCACCACTGGGTC
CCAATTACATGTCTGAAGTTGTCTGTCTGCAAAGACCAGTGGGGACAGCATGGATCCAAGAGAAGACAAA
GCCCTCACCAACGTCGTCCTAAACACTGTAGGCCAGGTCTCCGGGGCCCCAGCACAACCTCGGCGC
GTTCCAGGAAGGGGCCCCAGGGAGTGGAGAGGCTGCAGCTCTCCAAGAGATGCGAAGGCTGCCTGCAT
CTGTGGAAAAGTCCCCAGGAGTCCACGCCAACCCACGGCTGAACCTGCCGCTGGAGACCCTAGATGAG
ACTCTCCCAGTGCACACAGAGCCAGGACCCTGAACCTTCCCTTCCGCTCTGAGTCTGAATCCTTGTGG
TCCACTTGGGACTACCCATCCTCATTAATATTAATTGTTGATTCAGAAAAAAAAAAAAAAAAAAAAA AAAAAAAAAA

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Restriction Sites: Sfil-Sfil
ACCN: NM_199309
Insert Size: 1044 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC049761 , AAH49761
RefSeq Size:	1339 bp
RefSeq ORF:	1044 bp
Locus ID:	245308
UniProt ID:	Q810M5
Cytogenetics:	16 B3
Gene Summary:	Palmitoyltransferase that mediates palmitoylation of STAT3 and RRAS. Palmitoylation of STAT3 induces the homodimerization and transcriptional activation of STAT3, thereby, promoting inflammation and cancer. Palmitoylation of RRAS is linked to cell viability. May be involved in S-stearoylation of STAT3.[UniProtKB/Swiss-Prot Function]