

Product datasheet for MC212762

Zadh2 (NM_146090) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zadh2 (NM_146090) Mouse Untagged Clone
Tag: Tag Free
Symbol: Zadh2
Synonyms: C530046K17Rik; PTGR-3; Pthr3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212762 representing NM_146090
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCTGAGGCTGGCGGCCCGGGGCCGAGCCATCGTGGACATGTCGTACGCCCGTCACTTCTGGACT
 TCCAGGGCTCCGCCATCCCCGAACCATGCAGAAGCTGGTGGTGACCCGGCTGAGCCCTAATTCCACGA
 GGCCGTACCCCTGCGCCGGGACTGCCAGTGCCGCTCCCGGGGACGGAGACCTCCTCGTCCGGAACCGA
 TTGCGTTGGTATTAACGCATCTGACATCAACTATTCGGCTGGCCGCTACGACCCGTCCTGAAGCCACCC
 TTGACATAGGTTTTGAAGGGATTGGTGAGGTGGTGGCCCTTAGGCCTCTCTGCTAGTGCTAGGTACACAGT
 GGGCCAGGCTGTGGCTTATATGGCTCCTGGTTCCTTTGCTGAGTATACAGTGGTGCCTGCTAGCATTGCA
 ATTCCTCATGCCTTCAGTGAACCCAGAGTATCTCACCATGCTGGTTAGTGGCACCCTGCATACCTCAGCC
 TGAAGAGCTTGGGAACTGTCAGAAGGGAAGAAAGTTCTGGTACAGCAGCCGCTGGGGGCACAGGCCA
 GTTTGTGTGCAGCTTCCAAGTAGCCAAGTGCCACGTTATCGGAACCTGCTCCTCAGACGAAAAGGCA
 GCTTTTCTGAAATCAATTGGGTGTGATCGGCCATCAACTACAGAACAGAGCCTGTGGAGACGGTTCTGA
 AGCAGGAGTACCCTGAAGCGTTGACGTAGTCTATGAGTCTGTTGGGGGAGCCATGTTTGACCTGGCTGT
 GGATGCCTTGGCCACAAAGGGCCTTGATAGTATTGGTTTTATCTCTGGCTACCAAGCCCTACAGGA
 CTCTACCAATAAAAAGCGGGAGTTTTGCCAACCAGCTCCTGAAGAAGTCGGCCAGCCTCAGGGTTTTCT
 TTCTGAACCACTACTTCTCCAAGTACCAGGCTGCCATGGAACGTTTGGTGGAGCTGTACGCTCGTGGGA
 CCTGGTGTGTGAGGTGGACCTGGGACACCTGGCTCCGGATGGAAGGTTCAATGGCCTGGAGTCCGTGTT
 CAGGCTGTCGACTATATGTACACGGGAAAAAATACTGGGAAGCTGTTGTTGAGTTACCACACCTGTCA
 GCAGTAAGCTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_146090
Insert Size:	1134 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>NM_146090.5</u> , <u>NP_666202.2</u>
RefSeq Size:	3321 bp
RefSeq ORF:	1134 bp
Locus ID:	225791
UniProt ID:	<u>Q8BGC4</u>
Cytogenetics:	18 E4
Gene Summary:	Functions as 15-oxo-prostaglandin 13-reductase and acts on 15-keto-PGE1, 15-keto-PGE2, 15-keto-PGE1-alpha and 15-keto-PGE2-alpha with highest efficiency towards 15-keto-PGE2-alpha. Overexpression represses transcriptional activity of PPARG and inhibits adipocyte differentiation.[UniProtKB/Swiss-Prot Function]