

Product datasheet for MR205587

Zdhhc9 (BC042618) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zdhhc9 (BC042618) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zdhhc9
Synonyms:	6430508G22; 9530098M12Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR205587 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGTGATGGTGGTAAGAAAGAAGGTGACACGGAAATGGGAGAACTCCCAGGCAGGAACACCTTCT
GCTGTGATGGCCGCTCATGATGGCCCGCAAAGGGCATCTTCTACCTGACCCTTCTCCTCATCTGGG
GACATGTACTCTTCTTTGCCCTCGAGTGTGCTACCTGGCTGTTGAGTGTCTCCTGCCATTCTGTG
TTTGCCGCTATGCTCTTTCTTTCTCCATGGCCACGCTGTTGAGGACAAGTTTCAGTGACCCTGGAGTGA
TTCTCGAGCACTACCAGATGAAGCAGCTTTCATAGAAATGGAAATAGAAGCCACCAATGGTGCCGTGCC
ACAGGGCCAGCGACCACCTCCTCGTATTAAGAATTTCCAGATAAACAACCAGATTGTGAAACTGAAATAC
TGTTATACATGCAAGATCTCCGGCCTCCCAGGGCCTCCATTGTAGCATCTGTGACAACTGTGTGGAGC
GCTTCGACCATCACTGCCCTGGGTGGGAACTGTGTTGGAAAGAGGAACACCGCTACTTCTACCTCTT
CATCTCTCTCTCCCTCCTCAAAATTTATGTCTTCGCCTTTAACATCGTCTATGTGGCCCTCAAATCC
TTGAAAATGGCTTCTGGGAGACTGAAAGAAACGCCTGGAAGTGTCTGGAAGTACTCATTTGCTTCT
TCACTCTCTGGTCTGTTGTGGGGCTGACTGGATTTACACATTCCTGTGGCTCTCAATCAGACCACAA
TGAAGACATCAAAGGATCATGGACAGGGAAGAATCGTGTGAGAATCCGTACAGCCACGGCAACATTGTG
AAGAAGTGTGAAAGTCTTTGTGGCCCTTGCCTTGGATCGAAGGGGTATTTGGCCAC
TGGAGGAAAGTGAAGTGCACCTCAAGTACTCAAGAGACCAGCAGTAGCCTGTTGCCACAGAGCCGAGC
CTCCACAGAGCATATGAACTCTAATGAGATGGCAGAGGACACCAGCATTCTGAAGAGATGCCACCTCCA
GAACCCAGAGCCACCACAGGAGGCATCCGAAGCTGAGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



[View online »](#)

Protein Sequence: >MR205587 protein sequence
Red=Cloning site Green=Tags(s)

MSVMVVRKKVTRKWEKLPGRNTFCCDGRVMMARQKGFYFLTLFLILGTCTLFFAFECRYLAVQLSPAIPV
 FAAMLFLFSMATLLRSTFSDPGVIPRALPDEAAFIEMEIEATNGAVPQGGQRPPIKKNFQINNQIVKLKY
 CYTCKIFRPPRASHCSICDNCVERFDHHCVPWVGNVCVGRNRYFYLFILSLLLTIYVFAFNIVYVALKS
 LKIGFLETLKETPGTVLEVLICFFTLWSVVGLTGFHTFLVALNQTNEDIKGSWTGKNRVQNPYSHGNIV
 KNCCEVLGGLPPSVLDRRGILPLEESGRPPSTQETSSLLPQSPASTEHMNSNEMAEDTSIPEEMPPP
 EPPEPPQEASEAEK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: BC042618

ORF Size: 1092 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [BC042618](#), [AAH42618](#)

RefSeq Size: 2892 bp

RefSeq ORF: 1094 bp

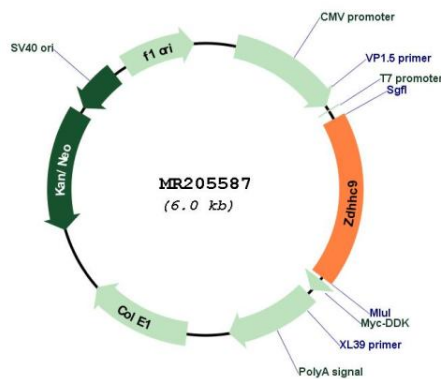
Locus ID: 208884

Cytogenetics: X A5

MW: 40.9 kDa

Gene Summary: The ZDHHC9-GOLGA7 complex is a palmitoyltransferase specific for HRAS and NRAS. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR205587