

Product datasheet for MR205665

Zdhhc20 (NM_029492) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zdhhc20 (NM_029492) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zdhhc20
Synonyms:	4930542A17Rik; 5033406L14Rik; A1448102; B230110O18Rik; ENSMUSG00000055956; HK11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR205665 representing NM_029492 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGCCCTGGACACTCTGGCGCTGCTGCCAACGCGTGGTGGGCTGGTTCGGTCTTTCATCACCT
TTGTGGTCTGGTCTACTACGCGTACGTGGTGGAGCTGTGCGTGAGTACTATTTCCAGAACAGGAGA
GAAAGGAAAGACCGTTGTTTACCTTGTGGCTTCCATCTGTTCTTTGTTATGTTTGTATGGTCTTATTGG
ATGACAATATTCACGTCTCCTGTAGCCCTTCAAAGAGTTCTACTTGTCAAACCTCTGAGAAGGAGCGTT
ATGAGAAGGAGTTCAGCCAAGAAAGACAGCAAGACATTTTGAGAAGAGCGCAAGAGACCTGCCTATCTA
CACCACATCAGCTTCAAAGGCTATCCGATATTGTGAAAAATGTCAGTTGATTAACCTGACCGAGCCCAT
CACTGCTCAGCATGTGACAGATGTTCTTAAGATGGATCATCACTGTCCATGGGTGAATAACTGTGTGG
GATTTACTAATTACAAATTTCTCATGCTGTTTTTGTGTATTCTCTACTATATTGCCTTTTTGTGGCTGC
AACAGTTTTAGAGTATTTATAAAATTTTGACGAATGAACCAACAGTTTTAAATTTCCCGACGCAAAAG
TTCCACGACTGTTCTTTTTTTGTGTCTGCAATGTTCTTCGTCAAGTGTCTCACTATTTAGCTACC
ATTGCTGGCTGGTTGGAAAAATAGAACGACAATAGAATCATTTTCGTGCACCTATGTTTTCTTATGGAAT
AGATGGAATGGTTTCTCTCTTGGATGCAGTAAAAATGGAGACAAGTCTTTGGTGATGAAAAGAAATAT
TGGTAGTTCCAATATTCTCAAGTTTGGGTGATGGTTCAGTTTTCCAGCTCGCCTGTGGGGATGGATC
CAGAACAAGCTTCTGTTGCAAAACAGAGTACTACGTGAGAAGTATTGGCTCAAATCAACCTTTTCTAT
CAAACCACTTAGTGAATCAAAAAACCGCTTATTGGACAGTGAATCTCAGTGGCTAGAGAATGGAGCTGAA
GAAGGAGTCACCAATCAGGGACAATAACCATGTTACAGTGGAAATAGAAAAAT

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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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: [NM_029492.5](#)

RefSeq Size: 5173 bp

RefSeq ORF: 1107 bp

Locus ID: 75965

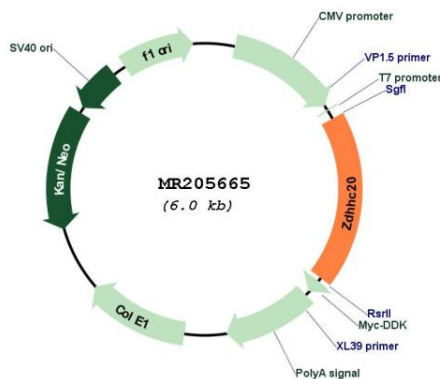
UniProt ID: [Q5Y5T1](#)

Cytogenetics: 14 C3

MW: 43 kDa

Gene Summary: Catalyzes palmitoylation of Cys residues on target proteins (PubMed:15603741). Catalyzes palmitoylation of Cys residues in the cytoplasmic C-terminus of EGFR, and modulates the duration of EGFR signaling by modulating palmitoylation-dependent EGFR internalization and degradation. Has a preference for acyl-CoA with C16 fatty acid chains. Can also utilize acyl-CoA with C14 and C18 fatty acid chains (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR205665