

Product datasheet for **MR210230**

Zdhhc5 (NM_144887) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Zdhhc5
Synonyms:	1110032A17Rik; AI451382; Zisp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



ORF Nucleotide Sequence: >MR210230 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCCGCAGAGTCTGGAAAGAGGTTCAAACCCAGCAAGTATGTACCGGTCTCAGCAGCCGCCATATTTT
TAGTGGGAGCTACAACACTCTTCTTTGCCTTTACGTGTCCAGGACTAAGCCTGAATGTGTACCTGCAGT
GCCCATTTACAATGCAATTATGTTTCTTTGTGCTGGCCAACTTTAGCATGGCCACCTTTATGGACCCA
GGAAATTTTCCCGAGCCGAGGAAGATGAAGACAAAGAAGATGACTTCCGAGCTCCCCTTTACAAACAG
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TTTTGGCAAACAGATGGGCTAAGAAGCCGGGACTAGGGTCCCCTGAACCAGGCACAACCTGCCCTAC
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CAAGAGTATAGGCTCAGCTTCCCCTGGCCAGGCCAGCCACCTCTCAGTAGCCCCACAAGGGGAGGAGTC
AAGAAGGTGTGAGGGTGGGTGGCACCCTTATGAGATTTCTGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR210230 protein sequence
 Red=Cloning site Green=Tags(s)

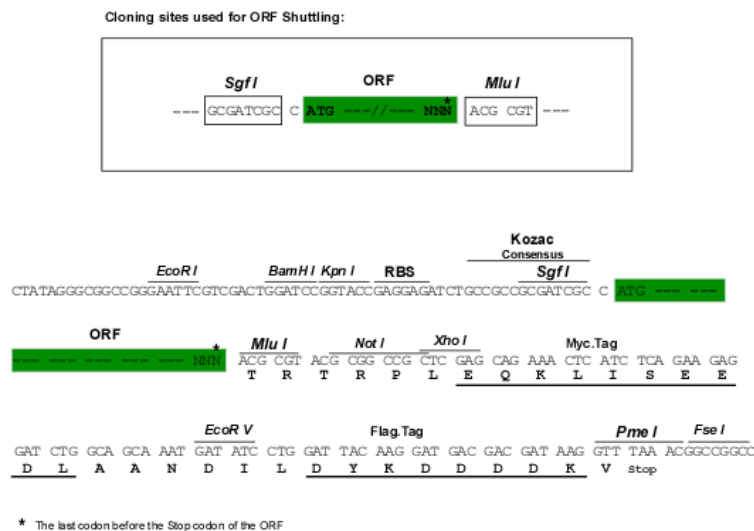
MPAESGKRFKPSKYVPVSAIAIFLVGATTLFFAFTCPGLSLNVSPAVPIYNAMFLFVLANFSMATFMDP
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 IGRNRYRYFFLLSLTAHIMGVFGFLLYVLYHIEELSGVRTAVTMAVMCVAGLFFIPVAGLTGFHVVL
 VARGRTTNEQVTGKFRGGVNPFTNGCCNNVSRVLCSSPAPRYLGRPKEKTIVIRPPFLRPEVSDGQITV
 KIMDNIGIQGELRRTKSKGSLEITESQSADAEP PPPPKPDL SRYTGLRTHLSLATNEDSLLGKDSPTPT
 MYKYRPGYSSSSSTAAMPHSSSAKLSRGDSLKEPTSIADSSRHPSPYRSEPSLEPESFRSPTFGKSFHDP
 LSSGSRSSSLKSAQGTGFELGQLQSI RSEGTTSYKSLANQTRNGSLSYDSLLTPSDSPDFESVQAGPE
 PDPPLGYTSPFLSARLAQQAERHPRLPTGPPHREPSVRYDNL SRHIVASLQEREKLLRQSPPLAGR
 EEEPLGDSGIQSTPGSGHAPRTSSSSDDSKRSPLSKTPLGRPAVPRFGKPDGLRSRGLGSPEPGTTAPY
 LGRSISYSSQKAPSGVSETEEVALQPLLTPKDEVQLKTTYKSNQPKSIGSASPGPGQPPLSSPTRGGV
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TRTRPLEQKLI SEEDLAANDIDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN:

NM_144887

ORF Size:

2145 bp

OTI Disclaimer:

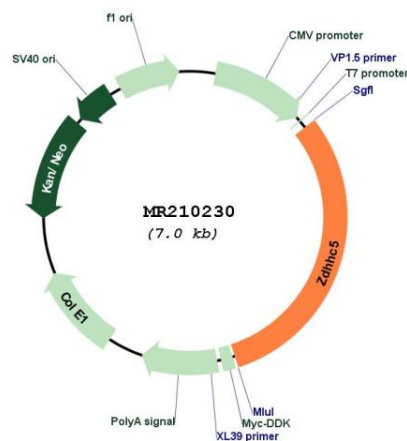
The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_144887.4
RefSeq Size:	4740 bp
RefSeq ORF:	2148 bp
Locus ID:	228136
UniProt ID:	Q8VDZ4
Cytogenetics:	2 D
MW:	77.5 kDa
Gene Summary:	Palmitoyl acyltransferase for the G-protein coupled receptor SSTR5 and for FLOT2. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR210230