

Product datasheet for MC203972

Zdhhc20 (NM_029492) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zdhhc20 (NM_029492) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zdhhc20
Synonyms:	4930542A17Rik; 5033406L14Rik; A1448102; B230110O18Rik; ENSMUSG00000055956; HK11
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC019536

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GGCGGAGCCTCGGGGGCGGGGAAGCTGGCGACAGGGCCGCTGGGGTCTTGTGGTCTACAGAATCGTGGG
CAGCGGGACCCGGCAGTCAGCAGAGGAACATGGCGCCCTGGACTCTGGCGCTGCTGCCAACGCGTGGT
GGGCTGGGTTCCGGTGTCTTTCATCACCTTTGTGGTCTGCTGGTCTACTACGCGTACGTGGTGGAGCTG
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GAAAGAAATACCGCTTTTTTTTATTAGATGTTTACTAATTTATAAATACTGTTTTATACTTTTCAACATTT
TAATAAAGATTTTTTAATTATTGGCTATAAAAAAAAAAAAAAAAAAAAA

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Restriction Sites:	RsrII-NotI
ACCN:	NM_029492
Insert Size:	1107 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:	BC019536 , AAH19536
RefSeq Size:	1795 bp
RefSeq ORF:	1107 bp
Locus ID:	75965
UniProt ID:	Q5Y5T1
Cytogenetics:	14 C3
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]