

Product datasheet for MR226543

Zdhhc15 (NM_175358) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zdhhc15 (NM_175358) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zdhhc15
Synonyms:	6030457O13Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR226543 representing NM_175358 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC

ATGCGCGGGGCTGGAAGATGGCTCTGTCTGGGGGTTGCGGTGCTGCCCGGGTACTGTCCTGGGTGC
CAGTGCTCGTTATTGTCCTCGTCTTCTGGTCTACTATGCCTACGTCCTTTGAACTCTGCCTGGTGAC
TGTTTTGAGTCCAGCGGAAAAAGTTATCTACCTCATACTCTATCATGCCATTTTTGTGTTCTTTGCATGG
ACCTACTGGAAGTCTATCTTCACTCCACAGCAGCCAAACCAGAAGTCCACTTGTCTATACAGACA
AGGAGCGCTATAAAAATGAAGAGAGACCTGAGGTCCAGAAGCAGATGCTTGTGGACATGGCCAAGAAGTT
ACCAAGTGTACACAAGAACCAGGAGTGGAGCTGTACGGTCTGTGACCGGTGCCATCTAATCAAGCCAGAC
CGCTGCCATCACTGTTCTGTCTGTGCCATGTGTGTTTTAAAAATGGACCATCACTGCCCATGGGTTAATA
ACTGCATTGGATTTTCCAACACAAATCTTCTTCTCAGTCTTAGCTTATTCCGTTCTCTACTGCCTGTA
CATTGCTACAACAGTCTTCACTACTTCAATACTGGAGAGGGGAATTGCCAGTGTTCGCTCTAAG
TTCCATGTCTCTTTCTCTCTTTGTGGCTGCATGTTTTTTGTGAGCCTTGTGATTCTCTTTGGTTACC
ATTGTTGGCTTGTGAGCAGAAACAAACTACCTTAGAGCCTTCTGCACACCAGTATTCACAAGTGGACC
AGAGAAAAATGGGTTCAATCTTGGCTTCAAGAATATTCAGCAGGTGTTTGGCGATAATAAGAAGTTC
TGGTTAATACCCATTGGGTCCAGCCCTGGTGTGACACTCCTTCCCTATGAGGCTATGAATGAGTCAC
AGAACCCGCTGCTGGCAAATGAGGAACCTGGGAAGACAATGAGGATGATAGTCGAGATTATCCAGAAGG
CTCATCATCACTTGTGTGGAGTCGAAAACG

ACGCGTACGCGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR226543 representing NM_175358
Red=Cloning site Green=Tags(s)

MRRGWKMALSGGLRCCRRVL SWVPVLVIVLVVLWSYYAYVFELCLVTVLSPA EKVIYLILYHAIFVFFAW
 TYWKSIF TLPQQPNQKFHL SYTDKERYKNEERPEVQKQMLVDMAKKLPVYTRTGS GAVRFCDRCHLIKPD
 RCHHC SVCAMCVLKMDHHC PWVNNCIGF SNYKFFLQFLAYSVL YCLYIATTVFSYFIKYWRGELPSVRSK
 FHVLFLLFVACMFFVSLVILFGYHCWLVSRNKTTLEAFCTPVFTSGPEKNGFNLF IKNIQQVFGDNKKF
 WLIPIGSSPGDGHSPMRS MNESQNPLL ANEEPWEDNEDDSRDYPEGSSSLAVESET

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9020_c07.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_175358

ORF Size: 1011 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: [NM_175358.4](#), [NP_780567.1](#)

RefSeq Size: 5517 bp

RefSeq ORF: 1014 bp

Locus ID: 108672

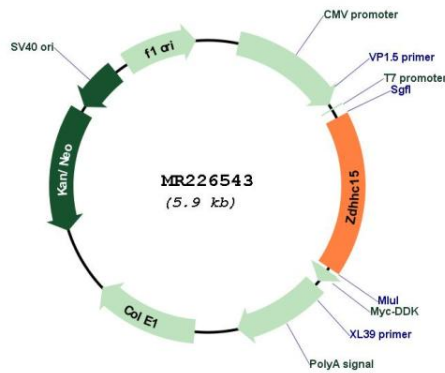
UniProt ID: [Q8BGJ0](#)

Cytogenetics: X D

MW: 39.7 kDa

Gene Summary: Catalyzes palmitoylation of Cys residues on target proteins. Catalyzes palmitoylation of GAP43 and DLG4/PSD95.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR226543