

## Product datasheet for **SC326894**

### ZDHHC15 (NM\_001146256) Human Untagged Clone

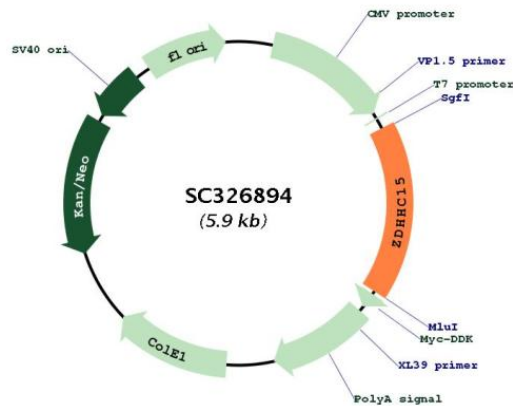
#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZDHHC15 (NM_001146256) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZDHHC15
Synonyms:	DHHC15; MRX91
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC326894 representing NM_001146256. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGCGGCGAGGCTGGAAGATGGCTCTGTCTGGGGGCTGCGGTGCTGCCCGGGTACTGTCTGGGTG
CCAGTGTCTGTTATTGTCTCGTCGTGCTCTGGTCTACTATGCCTACGTCTTTGAACTCTGCCTGGTT
ATTTACCTCACTCTACCATGCCATCTTTGTGTTCTTTACCTGGACCTACTGGAAGTCTATCTTTACA
CTCCACAGCAGCCAAACCAGAAGTCCACTTGCCTACACAGACAAGGAGCGCTATGAAAATGAAGAA
AGACCTGAGGTCCAGAAGCAGATGCTTGTGATATGGCCAAAAGCTACCGGTTTACACAAGAACTGGA
AGTGGAGCTGTACGATTCTGTGACCGGTGTCATCTGATCAAGCCAGACCGCTGCCACCCTGCTCTGTC
TGTGCTATGTGTGTGTTAAAAATGGATCATCACTGCCCTTGGGTTAATAACTGCATTGGATTTTCCAAC
TACAAATCTTCTTCAATTCTTAGCTTACTCTGTTCTCTACTGCCTGTACATTGCTACGACAGTCTTC
AGCTATTTTCATCAAACTGGAGAGGGGAATTACCCAGTGTTCGCTCTAAGTTCCATGTCCTTTTTCTT
CTCTTTGTGGCCTGCATGTTTTTTGTGACGCTTGTGATTCTCTTTGGTTACCATGTTGGCTTGTGAGC
AGAAACAAAACACCTTAGAGGCCTTCTGCACTCCAGTGTTTACAAGTGGCCAGAGAAAATGGGTTT
AACCTTGGCTTCATCAAGAATATCCAGCAGGTGTTGGAGATAAGAAGAAGTTCTGGTTAATACCTATT
GGTCCAGCCCTGGTGTGACACTCCTCCCTATGAGGTCTATGAATGAGTCACAGAACCCTGCTA
GCAAATGAAGAACTGGGAAGACAACGAGGATGACAACCAAGATTATCCAGAAGGCTCATCATCTCTT
GCTGTGGAAACGGAAACATAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI



**Plasmid Map:**


**ACCN:** NM\_001146256

**Insert Size:** 987 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).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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\\_001146256.1](#)

**RefSeq Size:** 6030 bp

**RefSeq ORF:** 987 bp

**Locus ID:** 158866

UniProt ID: [Q96MV8](#)

Cytogenetics: Xq13.3

Protein Families: Transmembrane

MW: 38.4 kDa

**Gene Summary:** The protein encoded by this gene belongs to the DHHC palmitoyltransferase family. Mutations in this gene are associated with mental retardatio X-linked type 91 (MRX91). Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]  
Transcript Variant: This variant (2) is lacking an in-frame coding exon compared to variant 1, resulting in a shorter isoform (2) missing a 9 aa segment compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.