

## Product datasheet for **SC334497**

### WDR61 (NM\_001303248) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	WDR61 (NM_001303248) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR61
Synonyms:	REC14; SKI8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001303248, the custom clone sequence may differ by one or more nucleotides

```
ATGACCAACCAAGTACGGTATTCTCTTCAAACAAGAGCAAGTGGATGCCTGGACTTTGGCCTTTTCTCCTG
ATTTCCAGTATCTGGCCACAGGAAGTCAATGTCGGGAAAGTGAACATTTTTGGTGTGGAAAGTGGGAAAAA
GGAATATTCTTTGGACACGAGAGGAAAATTCATTCTTAGTATTGCATATAGTCTGATGGGAAATACCTA
GCCAGTGGAGCCATAGATGGAATCATCAATATTTTTGATATTGCAACTGGAAAACCTCTGCATACCCTGG
AAGCCATGCCATGCCATTGCTCCTTGACCTTTCCCGGACTCCCAGCTCCTGTCTACTGCTTCTCAGA
TGATGGCTACATCAAGATCTATGATGTACAACATGCCAATTTGGCTGGCAGCTGAGCGCCATGCCTCC
TGGGTGCTGAACGTTGCATTCTGCTCTGATGACACTCACTTTGTTCCAGTTCGTCTGACAAAAGTGTA
AAGTTTGGGATGTTGGAACGAGGACTTGTGTTACACCTTCTTTGATCACCAGGATCAGGCTCTGGGGAGT
AAAATACAATGGAATGGTTCAAAAATTGTGTCTGTTGGAGATGACCAGGAAATTCACATCTATGATTGT
CCAATTTAA
```

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001303248
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).



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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\\_001303248.1](#), [NP\\_001290177.1](#)

**RefSeq Size:** 1054 bp

**RefSeq ORF:** 639 bp

**Locus ID:** 80349

**UniProt ID:** [Q9GZS3](#)

**Cytogenetics:** 15q25.1

**Protein Pathways:** RNA degradation

**Gene Summary:** WDR61 is a subunit of the human PAF and SKI complexes, which function in transcriptional regulation and are involved in events downstream of RNA synthesis, such as RNA surveillance (Zhu et al., 2005 [PubMed 16024656]).[supplied by OMIM, Mar 2008]  
Transcript Variant: This variant (3) differs in the 5' UTR and lacks an alternate in-frame pair of exons in the middle of the transcript compared to variant 1. The resulting isoform (b) has the same N- and C-termini but is shorter compared to isoform a.