

## Product datasheet for **SC319568**

### **C20orf11 (GID8) (NM\_017896) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	C20orf11 (GID8) (NM_017896) Human Untagged Clone
Tag:	Tag Free
Symbol:	C20orf11
Synonyms:	C20orf11; TWA1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_017896.2  
 CCGCCTCCGCCGCGGCCACCTCTGCCTCCTTCTACTCGGGCGCCCGGCCGCCGCCA  
 CCTCTCCCAGCCAGGAGAGGCTGCGGAGCCGAGCCGCCAGACCCGCGCAGCGCGGGA  
 GGCAGGTTCCGCACGAAATAAATCAGAATGAGTTATGCAGAAAAACCCGATGAAATCACG  
 AAAGATGAGTGGATGGAAAAGCTCAATAACTTGCATGTCCAGAGAGCAGACATGAACCGC  
 CTCATCATGAACCTACCTGGTCACAGAGGGCTTTAAGGAAGCAGCGGAGAAGTTTCGAATG  
 GAATCTGGAATCGAACCTAGTTTGGATCTGGAACACTTGATGAACGAATCAAGATCCGG  
 GAGATGATACTGAAAGGTCAGATTCAGGAGGCCATCGCCTTGATCAACAGCCTCCACCCA  
 GAGCTCTTGACACAAACCGGTATCTTTACTTCCATTTGCAGCAACAGCATTTGATCGAG  
 CTGATCCGCCAGCGGGAGACAGAGGCGCGCTGGAGTTTGACAGACTCAGCTGGCGGAG  
 CAGGGCGAGGAGCCGAGAGTGCCTCACAGAGATGGAGCGTACCCTGGCACTGCTGGCC  
 TTTGACAGTCCCAGGAGTGCCTTCGGAGACCTCTCCACACCATGCAGAGGCAGAAG  
 GTGTGGAGTGAAGTTAACCAAGCTGTGCTAGATTATGAAAATCGCGAGTCAACACCCAAA  
 CTGGCAAATTAAGAACTACTACTTTGGGCTCAGAACGAGCTGGACCAGAAGAAAGTA  
 AAATATCCAAAATGACAGACCTCAGCAAGGGTGTGATTGAGGAGCCCAAGTAGCGCCTG  
 CGCTTGCCTGGTGGATCCAAACACAGCCCTGCGTGTGGGACTTGCCCTCAGATCAGCCTG  
 CGACTGCAAGATTCTTACTGCAGTAGAGAACTCTTTTTCTCCCTTGACTTTTTTTTAC  
 CTGGCATCTTTTTATAGGGAAAATGGCCTTTGTAGGCAGTGGAAAACCTGCAAGGAAAAG  
 CTGCCGTCTTTTGGCAGTCTGATGCAGAGCCTGCACTCTGGCACTCGCTGAAGAATCTG  
 GAAGGTTGCGGTTTGTCTTCCAGTGTTCGGGGCCTCTGGCTGTGAAGGATTCGGTCT  
 ACCACGGAGGGCTGTGCTGTTAGGCTGCATCCCACTCAAATACAGGAAAAGCACGAATC  
 ATGATTCTGCTTTCTGTTAGCTTAGGCAGACATTGGGCCTCACCTACAAGTTTTTCTT  
 ACCCTGTGGTTTTTGTGTTTTTTTTTTTTTTTTTTTTTCCATAGGAAAGAATATATAAAT  
 TGTAAATCCTAATTCAAAGATGGCTCATGTGTGAGGGCATTGAGTTTGATTTGTTTTCCC  
 TTTGGTCTGGGTTGTGTGGCTTTTGGGGATGCGTGTGAGGGGGCTATGTGTTTTTAAAT  
 TTTTTAAATATATATTTTGGTGTGTGTGGTAAGAGACTTGTCTAGTGGATCAATG  
 AACCATCTCTTCTGGCAGTTTTTGTGAAAATAAAGGTTTCTCTTTGATTTCAAAAAAAA  
 AAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_017896

**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\\_017896.2](#), [NP\\_060366.1](#)

**RefSeq Size:** 4440 bp

**RefSeq ORF:** 687 bp

**Locus ID:** 54994

**UniProt ID:** [Q9NWU2](#)

**Cytogenetics:** 20q13.33

**Domains:** LisH, CTLH

**Gene Summary:** Core component of the CTLH E3 ubiquitin-protein ligase complex that selectively accepts ubiquitin from UBE2H and mediates ubiquitination and subsequent proteasomal degradation of the transcription factor HBP1 (PubMed:29911972). Acts as a positive regulator of Wnt signaling pathway by promoting beta-catenin (CTNNB1) nuclear accumulation (PubMed:28829046).[UniProtKB/Swiss-Prot Function]