

Product datasheet for **SC105883**

UBE2W (BC010900) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UBE2W (BC010900) Human Untagged Clone
Tag:	Tag Free
Symbol:	UBE2W
Synonyms:	6130401J04Rik; FLJ11011; ubiquitin-conjugating enzyme E2W (putative)
Mammalian Cell Selection:	Neomycin
Vector:	<u>PCMV6-Neo</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for BC010900 edited
 GGGGATCATGGCGTCAATGCAGAAACGACTACAGAAAGAAGAACTGTTGGCTTTGCAAAATGA
 CCCATCTCCTGGAATGACCTTAAATGAGAAGAGTGCTCAAAATTCAATTACACAGTGGAT
 TGTAGACATGGAAAGTGACCCAGGTACCTTATATGAAGGGGAAAAATTTCAACTTCTATT
 TAAATTTAGTAGTCGATATCCTTTTACTCCTCAGGTCATGTTTACTGGTGAAAAATAT
 TCCTGTTTCATCCTCATGTTTATAGCAATGGTCATATCTGTTTATCCATTCTAACAGAAGA
 CTGGTCCCAGCGCTCTCAGTCCAATCAGTTTGTCTTAGCATTATTAGCATGCTTTCCAG
 CTGCAAGGAAAAGAGACGACCACCGGATAATTCTTTTTATGTGCGAACATGTAACAAGAA
 TCCAAAGAAAACAAAATGGTGGTATCATGAACTGAAATCTGCCTTCACTATCTATTAC
 GGATTGAATCATGTCCTCAATAAGATGTGTTGAAGTCTTAAGTCCAGTACCTCAAATT
 GTGACCCTATTTGGAAATAGAGTCATTGCAGATGTCATTAGTTGAGGTGAGGTTATACCG
 AAGTAGAATGTGGCCTTAATCCAATATAACTGGTGCCTAAGAATTGGAGAAGAGACTCA
 GACACATGGGGAGAAGACCATGCAGTCATGGGGTATGTATCAACAAGCCAGCAAATGCC
 AGGGATTGCTGGGAACATCAGAGGCTGGAAGAGGCAGGGAAATGTTCTTCCCTAGAGCTG
 TGGGAGAGAACATGATTCTGCTGACACCTTGATCATGGACTTCCAGCCTCCAGAACTGTG
 AGACAATAAATGTCTGTTTCTTTAAGTCTAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites:	NotI-NotI
ACCN:	BC010900
Insert Size:	900 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).



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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:	<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:	BC010900.1 , AAH10900.1
RefSeq Size:	899 bp
RefSeq ORF:	899 bp
Locus ID:	55284
Cytogenetics:	8q21.11
Domains:	UBCc
Protein Families:	Transcription Factors
Protein Pathways:	Ubiquitin mediated proteolysis
Gene Summary:	This gene encodes a nuclear-localized ubiquitin-conjugating enzyme (E2) that, along with ubiquitin-activating (E1) and ligating (E3) enzymes, coordinates the addition of a ubiquitin moiety to existing proteins. The encoded protein promotes the ubiquitination of Fanconi anemia complementation group proteins and may be important in the repair of DNA damage. There is a pseudogene for this gene on chromosome 1. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]