

## Product datasheet for **SC106084**

### UBXD2 (UBXN4) (BC020806) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	UBXD2 (UBXN4) (BC020806) Human Untagged Clone
Tag:	Tag Free
Symbol:	UBXN4
Synonyms:	erasin; UBXD2; UBXDC1
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for BC020806, the custom clone sequence may differ by one or more nucleotides

ATGCTGTGGTTCCAGGGCGCCATTCGGCCGCCATCGCGACGGCCAAAAGGAGCGGCGGGTCTTCGTGG  
TGTTTCGTGGCAGGTGATGATGAACAGTCTACACAGATGGCTGCAAGTTGGGAAGATGATAAAGTTACAGA  
AGCATCTTCAAACAGTTTTGTTGCTATTAATAATCGATACCAAAGTGAAGCCTGCCTACAGTTTTACAA  
ATCTGTATCCTTTCAGTAAAGAATGGCTTATATATATACATTTATTTACCTTCTTTGGTTAATTTATG  
AAATTTAG

#### 5' Read Nucleotide Sequence:

>OriGene 5' read for BC020806 unedited  
GGTCAGCATTTTGTAAACGATTCACTATAGGGCGGCCGCGAAATTCGCACGAGGGTTTT  
CACAAATCTGTATCCTTTCAGTAAAGAATGGCTTATATATATACATTTATTTACCTTCT  
TTTGGTTAATTTATGAAATTTAGAAATTATTCATTTTTATTTAGGAAATCATACTTCTT  
TTTTATGGAACTTTATTAAGTGTCTCCTATTAATAAAGTTATTATAGGAAATTT  
CAAACATATATAAAGTAACTCAATGGTGTAGTGACCCCATACATTGAGATAATATATT  
GCAGCTAAAGATAGGATAGGGAGTTTTTAAATGTGAATATCTGAAAAACAATATAGATC  
AGTTGGGTTGGAATGTTACAAGTAGCTTGAAGAGGCAGCTGGCAGCAAGATGGATAGAA  
AAGGAAGTTATGATAGAGGAGAAATGTAGTAGATTCTTCACTAGAATATACCTCATAAATT  
AACATGTCACATGTATTAATACTACAGGTATAATGATGCAGTACTTGAAATTTAATA  
AATGTTAGATTATATTGTAAAAACACAAAGATCATTGTTTTCTTTGTTACCAATAGT  
GTTTCGTAAAACTATCCTTTCGTTTCACATGAATTGTTAGACTTCATTAACCTGTACAGA  
TCCTGTAGTGTGTGCCATCCAGTTTCTTTATTGGAGACAGTGAATTCCTTGGAAAGT  
AATAGCANGAAGTGTCTGCAGATGAACTTGTTACAAGAATTCACAAGTCCGACAGAT  
GCATTTGCTAAAAAGTGAACATCAGTAGCAAATGGCAGTCAGTCAGAAAAAGTCAGTGTC  
TACTCCATCTGCGTCATTTGAAACCCTACACACTGTGAACTCTCAGTCAGAATGCAGAGC  
TTGTGAGATACCCACTCTGATCAAAGTAGTACTGCACAGGAGAGGAGTGACAG



<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	BC020806
<b>Insert Size:</b>	4000 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC020806.1</a> , <a href="#">AAH20806.1</a>
<b>RefSeq Size:</b>	1311 bp
<b>RefSeq ORF:</b>	1311 bp
<b>Locus ID:</b>	23190
<b>Cytogenetics:</b>	2q21.3
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	UBXD2 is an integral membrane protein of the endoplasmic reticulum (ER) that binds valosin-containing protein (VCP; MIM 601023) and promotes ER-associated protein degradation (ERAD) (Liang et al., 2006 [PubMed 16968747]).[supplied by OMIM, Mar 2008]