

Product datasheet for **SC332171**

USP15 (NM_001252078) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	USP15 (NM_001252078) Human Untagged Clone
Tag:	Tag Free
Symbol:	USP15
Synonyms:	UNPH-2; UNPH4
Vector:	pCMV6-Entry (PS100001)



[View online »](#)

Fully Sequenced ORF: >SC332171 representing NM_001252078.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

ATGGCGGAAGGCGGAGCGGCGGATCTGGACACCCAGCGGTCTGACATCGCGACGCTGCTCAAAACCTCG
CTCCGGAAGGGGACACCTGGTACCTAGTCGATAGTCGCTGGTTCAAACAGTGGAAAAAATATGTTGGC
TTTGACAGTTGGGACAAAATACCAGATGGGAGATCAAAAATGTGTATCCTGGACCCATTGATAACTTGGA
CTTCTCAAAGATGGTGATGCCAGTCACCTAAGGAACACCTTATTGATGAATTGGATTACATACTGTTG
CCAACCTGAAGGTTGGAATAAACTTGTACGCTGGTACACATTGATGGAAGGTCAAGAGCCAATAGCACGA
AAGGTGGTTGAACAGGGTATGTTTGTAAAGCACTGCAAAGTAGAAGTATATCTCACAGAATTGAAGCTA
TGTGAAAAATGAAACATGAATAATGTTGTAACCGAAGATTTAGCAAAGCTGACACAATAGATACAATT
GAAAAGGAAAATAAGAAAAATCTTCAGTATTCCAGATGAAAAGGAGACCAGATTGTGGAACAAAATACATG
AGTAACACATTTGAACCACTGAATAAACACAGACAGCACCATTCCAGGATGCTGGTTTATACCAAGGACAG
GTATTAGTGATAGAACAGAAAAATGAAGATGGAACATGGCCAAGGGGTCCTTCTACTCCTAAGTCCCCA
GGTGCATCCAATTTTTCAACTTTACCAAAGATCTCTCCTTCATCTCTATCAAATAATTATAACAACATG
AACACAGAAATGTGAAAACTCAAATTACTGTCTTCCATCATATACCGCTTATAAGAACTATGATTAT
TCGGAACCTGGAAGAAAACATGAACAGCCAGGCCCTCTGTGGCCTAAGTAACTTGGGAAAATACGTGTTTC
ATGAACTCAGCTATTCAGTGTGGAGCAACACACCTCCACTTACTGAGTATTTCCCTCAATGATAAGTAT
CAAGAAGAACTGAATTTTGACAATCCCTTAGGAATGAGAGGTGAAATAGCTAAATCTTATGCCGAACTG
ATCAAGCAAAATGGTCTGGAAAGTTTAGCTACGTCACCCCAAGAGCCTTAAAGACACAGGTAGGACGT
TTTGCACCTCAGTTCTCTGGATATCAGCAGCAAGACTGTCAAGAACTGTTAGCTTTCTATTAGATGGA
TTACATGAGGATTTGAATAGAAATAGGAAAAAACCATATACAATTAAGATGCAGATGGAAGGCCA
GATAAGGTGGTTGCCGAAGAAGCCTGGGAAAACCATTTAAAACGAAATGATTCTATCATAGTAGATATA
TTTCATGGCCTTTTCAAATCAACTTTAGTTTGTCTGAGTGTGCTAAGATTTTCAGTAACATTTGATCCT
TTTTGTTACTTGACACTTCCATTGCCCATGAAAAAAGAACGCACCTTGGAAAGTTTACTTAGTTAGAATG
GATCCACTTACCAAACCTATGCAGTACAAAGTGGTTGTCCCAAAATGGAAACATATTAGATCTTTGT
ACAGCATTGTCTGCTTTGTGAGGAATACCTGCAGATAAGATGATAGTTACTGATATATACAATCATAGA
TTTCACAGAATATTCGCTATGGATGAAAACCTTAGTAGTATTATGGAACGGGATGATATTATGTGTTT
GAAATTAACATCAATAGGACAGAAGATACAGAGCACGTGATTATTCCTGTTTGCCTAAGAGAAAAATTC
AGACACTCGAGTTATACCCACCATACTGGTTCTTCACTTTTTGGTCAGCCCTTTCTATGGCTGTACCA
CGAAACAATACTGAAGACAAAACCTTATAATCTCCTGCTCTTGAGAATGTGCCGATATGTCAAATATCT
ACTGAACTGAAGAACTGAAGGATCCCTACACTGCTGTAAAGACCAAAATTAATGGGAATGGCCCA
AATGGCATACATGAAGAAGGCTCACCAAGTGAATGGAACAGATGAGCCAGATGATGAATCCAGCCAG
GATCAAGAACTTCCCTCAGAGAATGAAAACAGTCAGTCTGAAGATTCAGTTGGAGGAGATAATGATTCT
GAAAATGGATTATGACTGAGGATACTTCAAAGGTCAACTCACGGGACACAAAAACGATTGTTTACA
TTCCAGTTCAACAACCTTAGGCAACTGATATCAACTACATCAAAGATGATACCAGGCATATAAGATTT
GATGATAGGCAGCTTAGGCTAGATGAAAGATCTTTTCTTGCTTTGGATTGGGATCCTGATTTGAAAAA
AGATATTTTGTGAAAATGCTGCTGAGGACTTTGAAAAACATGAAAGTGTGGAGTATAAACCTCCTAAA
AAACCTTTTGTGAAAATTAAGATTGCATTGAACTTTTTACAACAAAAGAAAAGCTAGGTGCTGAAGAT
CCCTGGTATTGTCCGAATTGTAAGAACATCAGCAAGCCACAAAGAAATGGATTTATGGTCCCTGCCT
CCAGTACTTGTAGTACATCTCAAGCGATTTTCTTACAGTCGATACATGAGAGACAAGTTGGATACCTTA
GTTGATTTTCTTCAATGACTTGGATATGTCGGAATTCTTAATTAATCAAATGCAGGTCTTGCCGC
TATAATCTGATTGCTGTTTCCAACCACTATGGAGGGATGGGAGGAGGACACTATACTGCTTTTGAAAA
AATAAAGATGATGAAAAATGGTACTATTTTGTGACAGTAGTGTCTCCACTGCATCTGAAGACCAAATT
GTGTCAAAGCAGCATATGACTCTTCTACCAGAGACAAGACACTTTTCAGTGAAGTGGCTTTTTTCTCT
CTTGACCGAGAACTAAAGGTGCTTCCAGCTGCCACTGGCATCCCATTAGAAAGTATGAAAGATAGCAAT
GATAATGACAATGATATAGAAAAATGAAAACGTATGCACACTAACTAA
  
```

Restriction Sites: Sgfl-Mlul
ACCN: NM_001252078
Insert Size: 2946 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).
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:	NM_001252078.1
RefSeq Size:	8367 bp
RefSeq ORF:	2946 bp
Locus ID:	9958
UniProt ID:	Q9Y4E8
Cytogenetics:	12q14.1
Protein Families:	Druggable Genome, Protease
MW:	112.4 kDa
Gene Summary:	<p>This gene encodes a member of the ubiquitin specific protease (USP) family of deubiquitinating enzymes. USP enzymes play critical roles in ubiquitin-dependent processes through polyubiquitin chain disassembly and hydrolysis of ubiquitin-substrate bonds. The encoded protein associates with the COP9 signalosome, and also plays a role in transforming growth factor beta signalling through deubiquitination of receptor-activated SMAD transcription factors. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 2. [provided by RefSeq, Nov 2011]</p> <p>Transcript Variant: This variant (1) encodes the longest 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.</p>