

Product datasheet for **SC337681**

USP28 (NM_001301029) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	USP28 (NM_001301029) Human Untagged Clone
Tag:	Tag Free
Symbol:	USP28
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_001301029, the custom clone sequence may differ by one or more nucleotides

```

ATGCATGAAGCAACCTCTGCAGAACTAAACGCTCAAAGAGAAAACGCTGTGAAGTCTGGGAGAAAACC
CCAATCCCAATGACTGGAGGAGAGTTGATGGTTGGCCAGTTGGGCTGAAAAATGTTGGCAATACATGTTG
GTTTAGTGCTGTTATTCAGTCTCTCTTTCAATTGCCTGAATTTGGAAGACTTGTCTCAGTTATAGTCTG
CCACAAAATGTACTTGAATTTGTCGAAGTCATACAGAAAAGAGAAATATCATGTTTATGCAAGAGCTTC
AGTATTTGTTGCTCTAATGATGGGATCAAATAGAAAATTTGTAGACCCGCTGCAGCCCTGGATCTATT
AAAGGGAGCATTCCGATCATCTGAGGAACAGCAGCAAGATGTGAGTGAATTCACACACAAGCTCCTGGAT
TGGCTAGAGGACGATTCCAGCTAGCTGTTAATGTTAACAGTCCCAGGAACAAATCTGAAAATCCAATGG
TGCAGCTGTTCTATGGTACTTTCCTGACTGAAGGGGTTCTGTAAGGAAAACCTTTTGTAAACATGAGAC
CTTCGGCCAGTATCCTCTCAGGTAACGGTTATCGCAACTTAGACGAGTGTGGAAAGGGGCCATGGTG
GAGGGTGATGTTGAGCTTCTCCCTCCGATCACTCGGTGAAGTATGGACAAGAGCGTTGGTTTACAAGC
TACCTCCAGTGTGACCTTTGAACTCTCAAGATTTGAGTTTAAATCAGTCCCTGGGCAGCCAGAGAAAAT
TACAATAAGCTGGAATTTCTCAGATTATTTATATGGACAGGTACATGTACAGGAGCAAGGAGCTTATT
CGAAAATAAGAGAGAGTGTATTGAAAGTTGAAGGAGGAAAATAAAAATTTCTGCAGCAAAAATTTGAAAGGT
ATGTGAAATATGGCTCAGGCCAGCTCGGTTCCCGCTCCCGGACATGCTGAAATATGTTATTGAATTTGC
TAGTACAAAACCTGCCTCAGAAAGCTGTCCACCTGAAAGTGACACACATATGACATTACCACTTTCTTCA
GTGCACTGCTCGGTTTCTGACCAGACATCCAAGGAAAGTACAAGTACAGAAAGCTTCTCAGGATGTTG
AAAGTACCTTTTCTTCTCCTGAAGATCTTTACCCAAGTCTAACCCTGACATCTTCTCGGTCTCCAT
GGAAATGCCTTCACAGCCAGCTCCACGAACAGTCACAGATGAGGAGATAAATTTGTTAAGACCTGTCTT
CAGAGATGGAGGAGTGAGATTGAACAAGATATACAAGATTTAAAGACTTGTATTGCAAGTACTACTAGA
CTATTGAACAGATGTACTGCGATCCTCTCCTTCGTCAGGTGCCTTATCGCTTGCATGCAGTTCTTGTTCA
TGAAGGACAAGCAAATGCTGGACACTATTGGGCCTATATCTATAATCAACCCCGACAGAGCTGGCTCAAG
TACAATGACATCTCTGTTACTGAATCTTCTGGGAAAGATTGAAAGAGATTCTATGGAGGCTGAGAA
ATGTTAGTGCTTACTGTCTGATGTACATTAATGACAAAACCTACTTCAATGCAGAGGCGACCCCAAC
TGAATCAGATCAAATGTCAGAAGTGAAGCCCTATCTGTGGAACCAAGCATTACATTGAGGAGATAAC
TGGCGGTTTGAGCAGGAAGTAGAGGAGTGGGAAGAAGAGCAGTCTTGCAAAAATCCCTCAAATGGAGTCTT
CCACCAACTCCTCATCACAGGACTACTCATACACAAGAGCCTTCAGTAGCCTCTTCTCATGGGGTTCCG
CTGCTTGTGCTGAGCATGCTGTGATTGTAAGGAGCAAACCTGCCAGGCTATTGCAAAACAGCCCGT
GCCTATGAGAAGAGCGGTGTAGAAGCGGCACTGAGTGAGGCATTCCATGAAGAATACTCCAGGCTCTATC
AGCTTGCCAAAGAGACCCCCACCTCTCACAGTGATCCTCGACTTCAGCATGTCCTTGTCTACTTTTTCCA
AAATGAAGCACCCAAAAGGGTAGTAGAACGAACCTTCTGGAACAGTTTGCAGATAAAAATCTTAGCTAT
GATGAAAGATCAATCAGCATTATGAAGGTGGCTCAAGCGAAACTGAAGGAAATTTGGTCCAGATGACATGA
ATATGGAAGAGTACAAGAAGTGGCATGAAGATTATAGTTTGTCCGAAAAGTGTCTGTGTATCTCCTAAC
AGGCCTAGAACTCTATCAAAAAGGAAAGTACCAAGAGGCACTTCTACCTGGTATATGCCTACCAGAGC
AATGCTGCCCTGCTGATGAAGGGGCCCGCCGGGGGTCAAAGAATCCGTGATTGCTTTATACCGAAGAA
AATGCCTTCTGGAGCTGAATGCCAAGCAGCTTCTTTTTGAAACAAAATGATGATCACTCCGTAACCTGA
GGCATTAAATGTGATGAATGAACTGATCATCCCTGCATTACCTTATCATTAAATGACATTTCCAAG
GATGATCTGGATGCCATTGAGGTGATGAGAAACATTGGTGTCTTACCTTGGGCAAGATATTGCAGAAA
ATCTGCAGCTGTGCCTAGGGGAGTTTCTACCCAGACTTCTAGATCCTTCTGCAGAAATCATCGTCTTGAA
AGAGCCTCCAATTCGACCAATTCTCCCTATGACCTATGTAGCCGATTTGCAGCTGTCATGGAGTCA
ATTCAGGGAGTTTCAACTGTGACAGTGAATAA
    
```

Restriction Sites: SgfI-MluI
ACCN: NM_001301029

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:	<u>NM_001301029.1</u> , <u>NP_001287958.1</u>
RefSeq Size:	4371 bp
RefSeq ORF:	2763 bp
Locus ID:	57646
Cytogenetics:	11q23.2
Protein Families:	Protease
Gene Summary:	<p>The protein encoded by this gene is a deubiquitinase involved in the DNA damage pathway and DNA damage-induced apoptosis. Overexpression of this gene is seen in several cancers. [provided by RefSeq, Oct 2016]</p> <p>Transcript Variant: This variant (2), as well as variant 12, encodes isoform b (also known as isoform 2).</p>