

Product datasheet for **SC330269**

USP15 (NM_001252079) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	USP15 (NM_001252079) Human Untagged Clone
Tag:	Tag Free
Symbol:	USP15
Synonyms:	UNPH-2; UNPH4
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC330269 representing NM_001252079. Blue=Insert sequence Red=Cloning site Green=Tag(s)

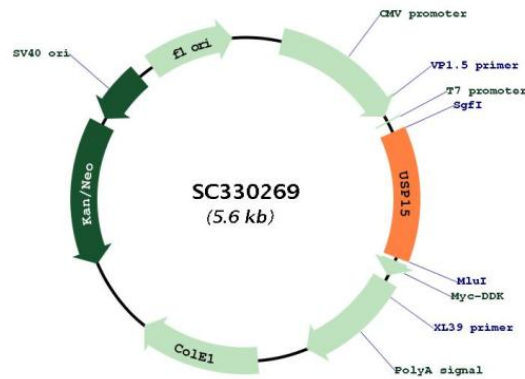
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ATGGCGGAAGGCGGAGCGGCGGATCTGGACACCCAGCGGTCTGACATCGCGACGCTGCTCAAAACCTCG
CTCCGGAAAGGGGACACCTGGTACCTAGTCGATAGTCGCTGGTTCAAACAGTGGAAAAAATATGTTGGC
TTTGACAGTTGGGACAAATACCAGATGGGAGATCAAAATGTGTATCCTGGACCCATTGATAACTCTGGA
CTTCTCAAAGATGGTGATGCCAGTCACCTAAGGAACACCTTATTGATGAATTGGATTACATACTGTTG
CCAAGTGAAGGTTGGAATAAACTTGTCTAGCTGGTACACATTGATGGAAGGTTCAAGAGCCAATAGCACGA
AAGGTGGTTGAACAGGATGTTTGTAAAGCACTGCAAAGTAGAAGTATATCTCACAGAATTGAAGCTA
TGTGAAAATGGAAACATGAATAATGTTGTAAGTGAAGATTTAGCAAAGCTGACACAATAGATACAATT
GAAAAGGAAATAAGAAAATCTTCAGTATTCAGATGAAAAGGAGACCAGATTGTGGAACAAATACATG
AGTAACACATTTGAACCACTGAATAAACAGACAGCACCATTGAGGATGCTGGTTTATACCAAGGACAG
GTATTAGTGATAGAACAGAAAAATGAAGATGGAACATGGCCAAGGGGTCCTTCTACTCCTAAAAAGCCA
CTAGAGCAGAGTTGCTAG
```

Restriction Sites: Sgfl-MluI



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Plasmid Map:



ACCN: NM_001252079

Insert Size: 708 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:

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_001252079.1](#)

RefSeq Size: 2286 bp

RefSeq ORF: 708 bp

Locus ID: 9958

UniProt ID: [Q9Y4E8](#)

Cytogenetics: 12q14.1

Protein Families: Druggable Genome, Protease

MW: 27.1 kDa

Gene Summary: 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]

Transcript Variant: This variant (3) differs in the 3' UTR and lacks a large portion of the 3' coding region, compared to variant 1. The encoded isoform (3) is shorter and has a distinct C-terminus, compared to 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.