

Product datasheet for SC331254

USP19 (NM_001199161) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: USP19 (NM_001199161) Human Untagged Clone
Tag: Tag Free
Symbol: USP19
Synonyms: ZMYND9
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC331254 representing NM_001199161.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GAGGAGGTGGATTAG
    
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Restriction Sites:

Sgfl-RsrII

ACCN:

NM_001199161

Insert Size:

4155 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:	<u>NM_001199161.1</u>
RefSeq Size:	4883 bp
RefSeq ORF:	4155 bp
Locus ID:	10869
UniProt ID:	<u>O94966</u>
Cytogenetics:	3p21.31
Protein Families:	Druggable Genome, Protease, Transmembrane
MW:	151.9 kDa
Gene Summary:	<p>Protein ubiquitination controls many intracellular processes, including cell cycle progression, transcriptional activation, and signal transduction. This dynamic process, involving ubiquitin conjugating enzymes and deubiquitinating enzymes, adds and removes ubiquitin. Deubiquitinating enzymes are cysteine proteases that specifically cleave ubiquitin from ubiquitin-conjugated protein substrates. This protein is a ubiquitin protein ligase and plays a role in muscle wasting. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2017]</p> <p>Transcript Variant: This variant (2) has an alternate splice site in the CDS and an alternate 3' exon, as compared to variant 1. The resulting isoform (2) has an internal additional 2 aa and a shorter and distinct C-terminus, as compared to isoform 1.</p>