

## Product datasheet for SC332452

### USP39 (NM\_001256725) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** USP39 (NM\_001256725) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** USP39  
**Synonyms:** 65K; CGI-21; HSPC332; SAD1; SNRNP65  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC332452 representing NM\_001256725.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTCCGGCCGGTCTAAGCGGGAGTCTCGCGGTTCCACTCGCGGGAAGCGAGAGTCTGAGTCGCGGGGC
AGCTCCGGTTCGCGTCAAGCGGGAGCGAGATCGGGAGCGGGAGCCTGAGGCGGCGAGCTCCCGGGGCAGC
CCTGTGCGCGTGAAGCGGGAGTTCGAGCCGGCGAGCGCGCGGAGGCCCGGCTTCTGTTGTCCCCTTT
GTGCGGGTGAAGCGGGAGCGGAGGTCGATGAGGACTCGGAGCCTGAGCGGGAGGTGCGAGCAAAGAAAT
GGCCGAGTGGATTCTGAGGACCGGAGGAGCGCCACTGCCCGTACCTGGACACCATTAACAGGAGTGTG
CTGGACTTTGACTTTGAGAACTGTGTTCTATCTCCCTCTCACACATCAATGCTTATGCCTGTCTGGTG
TGTGGCAAGTACTTTCAAGGCCGGGTTTGAAGTCTCACGCTACATTCACAGTGTCCAGTTTAGCCAC
CATGTTTTCTCAACCTCCACACCTCAAGTTTTACTGCCTTCCAGACAATATGAGATCATCGATTCC
TCATTGGAGGATATCACGTATGTGTTGAAGCCACTTTCAAAAGCAGCAAATTGCAAATTGGACAAG
CAAGCCAAATGTCCCGGCATATGATGGTACCACTTACCTGCCGGGTATTGTGGGACTGAATAACATA
AAGGCCAATGATTATGCCAACGCTGTCTTCAGGCTCTATCTAATGTTCTCCTCCTCCGGAACACTTT
CTGGAAGAAGACAATTATAAGAACATCAAACGTCCTCCAGGGGATATCATGTTCTTGTGGTCCAGCGT
TTTGGAGAGCTGATGAGAAAGCTCTGGAACCCTCGAAATTTCAAGGCACATGTGTCTCCCATGAGATG
CTTCAGGCAGTTGACTTTGCAGTAAGAAGACTTTTCAGATCACCAACAAGGAGATGGCGTTGACTTT
CTGTCTTGGTTTTCTGAATGCTCTGCACTCAGCTCTGGGGGCACAAAGAAGAAAAAGAAGACTATTGTG
ACTGATGTTTTCCAGGGTCCATGAGGATCTTCACTAAAAAGCTTCCCATCCTGATCTGCCAGCAGAA
GAAAAAGAGCAGTTGCTCCATAATGACGAGTACCAGGAGACAATGGTGGAGTCCACTTTTTATGTACCTG
ACGCTGGACCTTCTACTGCCCCCTCTACAAGGACGAGAAGGAGCAGCTCATATTCCCAAGTGCCA
CTCTTCAACATCCTGGCTAAGTTCAATGGCATCACTGAGAAGGAATATAAGACTTACAAGGAGAATTT
CTGAAGCGCTCCAGCTTACCAAGTTGCCTCCATATCTAATCTTTGTATCAAGAGATTCCTAAGAAC
AACTTCTTTGTTGAGAAGATCCAATATTGTCAATTTCCCTATTACAAATGTGGATCTGAGAGAATAC
TTGTCTGAAGAAGTACAAGCAGTACACAAGAATACCACCTATGACCTCATTGCCAACATCGTGCATGAC
GGCAAGCCCTCCGAGGGCTCCTACCGGATCCACGTGCTTATCATGAGGACAGGCAAATGGTATGAATTA
CAAGACCTCCAGGTGACTGACATCCTTCCCAGATGATCACACTGTCAGAGGCTTACATTAGATTTGG
AAGAGGCGAGATAATGATGAAACCAACCAGCGGGGCTTGA
  
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**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001256725



<b>Insert Size:</b>	1698 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>	<u><a href="#">NM_001256725.1</a></u>
<b>RefSeq Size:</b>	2135 bp
<b>RefSeq ORF:</b>	1698 bp
<b>Locus ID:</b>	10713
<b>UniProt ID:</b>	<u><a href="#">Q53GS9</a></u>
<b>Cytogenetics:</b>	2p11.2
<b>Protein Families:</b>	Protease
<b>Protein Pathways:</b>	Spliceosome
<b>MW:</b>	65.4 kDa
<b>Gene Summary:</b>	<p>Plays a role in pre-mRNA splicing as a component of the U4/U6-U5 tri-snRNP, one of the building blocks of the precatalytic spliceosome (PubMed:11350945, PubMed:26912367). Regulates AURKB mRNA levels, and thereby plays a role in cytokinesis and in the spindle checkpoint. Does not have ubiquitin-specific peptidase activity (PubMed:18728397). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate splice site in the 3' UTR, compared to variant 1. Variants 1 and 2 encode the same isoform (1).</p>