

Product datasheet for **SC332453**

USP39 (NM_001256726) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: USP39 (NM_001256726) Human Untagged Clone
Tag: Tag Free
Symbol: USP39
Synonyms: 65K; CGI-21; HSPC332; SAD1; SNRNP65
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332453 representing NM_001256726.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTCCGGCCGGTCTAAGCGGGAGTCTCGCGGTTCCACTCGCGGGAAGCGAGAGTCTGAGTCGCGGGGC
AGCTCCGGTTCGCGTCAAGCGGGAGCGAGATCGGGAGCGGGAGCCTGAGGCGGCGAGCTCCCGGGGCAGC
CCTGTGCGCGTGAAGCGGGAGTTCGAGCCGGCGAGCGCGCGAGGCCCGGCTTCTGTTGTCCCGTTT
GTGCGGGTGAAGCGGGAGCGGAGGTGATGAGGACTCGGAGCCTGAGCGGGAGGTGCGAGCAAAGAAAT
GGCCGAGTGGATTCTGAGGACCGGAGGAGCGCCACTGCCCGTACCTGGACACCATTAACAGGAGTGTG
CTGGACTTTGACTTTGAGAACTGTGTTCTATCTCCCTCTCACACATCAATGCTTATGCCTGTCTGGTG
TGTGGCAAGTACTTTCAAGGCCGGGTTTGAAGTCTCACGCTACATTCACAGTGTCCAGTTTAGCCAC
CATGTTTTCTCAACCTCCACACCTCAAGTTTTACTGCCTTCCAGACAATATGAGATCATCGATTCC
TCATTGGAGGATATCACGTATGTGTTGAAGCCACTTTCAAAAGCAGCAAATTGCAAATTGGACAAG
CAAGCCAAATGTCCCGGCATATGATGGTACCACTTACCTGCCGGGTATTGTGGGACTGAATAACATA
AAGGCCAATGATTATGCCAACGCTGTCTTCAGGCTCTATCTAATGTTCTCCTCCTCCGGAACACTTT
CTGGAAGAAGACAATTATAAGAACATCAAACGCTCCTCCAGGGGATATCATGTTCTTGTGGTCCAGCGT
TTTGGAGAGCTGATGAGAAAGCTCTGGAACCCTCGAAATTTCAAGGCACATGTGTCTCCCATGAGATG
CTTCAGGCAGTTGACTTTGCAGTAAGAAGACTTTTCAGATCACCAACAAGGAGATGGCGTTGACTTT
CTGTCTTGGTTTTCTGAATGCTCTGCACTCAGCTCTGGGGGCACAAAGAAGAAAAAGAAGACTATTGTG
ACTGATGTTTTCCAGGGTCCATGAGGATCTTCACTAAAAAGCTTCCCATCCTGATCTGCCAGCAGAA
GAAAAAGAGCAGTTGCTCCATAATGACGAGTACCAGGAGACAATGGTGGAGTCCACTTTTATGTACCTG
ACGCTGGACCTTCTACTGCCCCCTCTACAAGGACGAGAAGGAGCAGCTCATCATTCCCAAGTGCCA
CTTTCAACATCCTGGCTAAGTTCAATGGCATCACTGAGAAGGAATATAAGACTTACAAGGAGAATTT
CTGAAGCGCTCCAGCTTACCAAGTTGCCTCCATCTAATCTTTTGTATCAAGAGATTCCTAAGAAC
AACTTCTTTGTTGAGAAGAAATCCAATATTGTCAATTTCCCTATTACGGGACAGGCAAATGGTATGAAT
TACAAGACCTCCAGGTGA
  
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Restriction Sites: SgfI-MluI
ACCN: NM_001256726
Insert Size: 1467 bp



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| 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_001256726.1 |
| RefSeq Size: | 2162 bp |
| RefSeq ORF: | 1467 bp |
| Locus ID: | 10713 |
| UniProt ID: | Q53GS9 |
| Cytogenetics: | 2p11.2 |
| Protein Families: | Protease |
| Protein Pathways: | Spliceosome |
| MW: | 56.4 kDa |
| Gene Summary: | <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 (3) lacks an exon in the 3' coding region, which results in a frameshift, compared to variant 1. The encoded isoform (2) is shorter and has a distinct C-terminus, compared to isoform 1.</p> |