

Product datasheet for SC330507

USP39 (NM_001256727) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: USP39 (NM_001256727) Human Untagged Clone
Tag: Tag Free
Symbol: USP39
Synonyms: 65K; CGI-21; HSPC332; SAD1; SNRNP65
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330507 representing NM_001256727.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

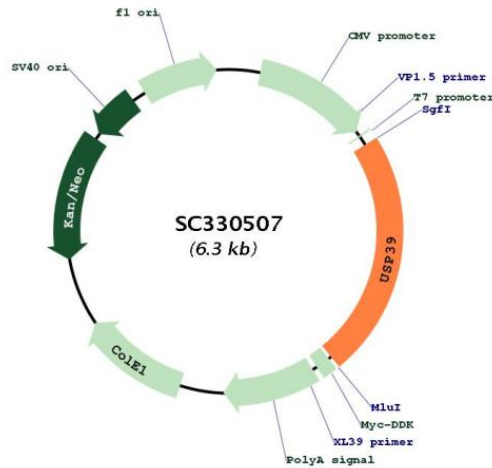
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CCCCAGATGATCACTGTCAGAGGCTTACATTCAGATTTGGAAGAGGCGAGATAATGATGAAACCAAC
CAGCAGGGGGCTGA
  
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_001256727

Insert Size: 1464 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_001256727.1](#)

RefSeq Size: 2183 bp

RefSeq ORF: 1464 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 (4) differs in the 5' UTR, lacks a portion of the 5' coding region and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (3) is shorter and has a distinct N-terminus, compared to isoform 1.</p>