

Product datasheet for **SC329405**

SERPINI2 (NM_001012303) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: SERPINI2 (NM_001012303) Human Untagged Clone
Tag: Tag Free
Symbol: SERPINI2
Synonyms: MEPI; PANCPIN; PI14; TSA2004
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC329405 representing NM_001012303.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

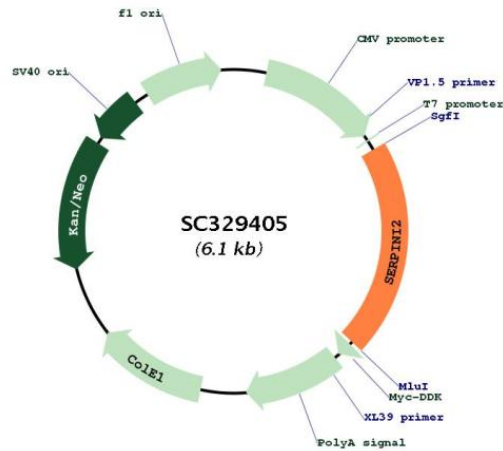
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CTGTGA
  
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_001012303

Insert Size: 1248 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_001012303.2](#)

RefSeq Size: 1769 bp

RefSeq ORF: 1248 bp

Locus ID: 5276

UniProt ID: [O75830](#)

Cytogenetics: 3q26.1

Protein Families: Druggable Genome, Secreted Protein

MW: 47.4 kDa

Gene Summary: The gene encodes a member of a family of proteins that acts as inhibitors of serine proteases. These proteins function in the regulation of a variety of physiological processes, including coagulation, fibrinolysis, development, malignancy, and inflammation. Expression of the encoded protein may be downregulated during pancreatic carcinogenesis. Alternative splicing results in multiple transcript variants for this gene. [provided by RefSeq, Jan 2013]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).