

## Product datasheet for **SC330908**

### TFPI2 (NM\_001271003) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** TFPI2 (NM\_001271003) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** TFPI2  
**Synonyms:** PP5; REF1; TFPI-2  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC330908 representing NM\_001271003.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

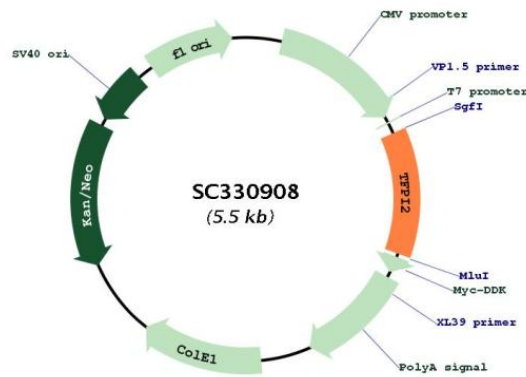
```
ATGGACCCCGCTCGCCCCTGGGGCTGTCGATTCTGCTGCTTTTCCTGACGGAGGCTGCACTGGGCGAT
GCTGCTCAGGAGCCAACAGACTACGGACCCTGCCGGGCCCTACTTCTCCGTTACTACTACGACAGGTAC
ACGCAGAGCTGCCGCCAGTTCCTGTACGGGGGCTGCGAGGGCAACGCCAACAATTCTACACCTGGGAG
GCTTGCAGCATGCTTGTGGAGGATAGAAAAAGTTCCCAAAGTTTGCCGGCTGCAAGTGAGTGTGGAC
GACCAGTGTGAGGGGTCCACAGAAAAGTATTTCTTTAATCTAAGTCCATGACATGTGAAAAATTCTTT
TCCGGTGGGTGTCACCGAACCGGATTGAGAACAGGTTTCCAGATGAAGCTACTTGTATGGGCTTCTGC
GCACCAAAGAAAATTCCATCATTTTGCTACAGTCCAAAAGATGAGGGACTGTGCTCTGCCAATGTGACT
CGCTATTATTTAATCCAAGATACAGAACCTGTGATGCTTTACCTATACTGGCTGTGGAGGGAATGAC
AATAACTTTGTTAGCAGGGAGGATTGCAAACGTGCATGTGCAAAAAGCTTTGAAAAAGAAAAAGAAGATG
CCAAAGCTTCGCTTTGCCAGTAGAATCCGGAATAATTCGGAAGAAGCAATTTTAA
```

**Restriction Sites:** Sgfl-Mlul



[View online »](#)

Plasmid Map:



ACCN: NM\_001271003

Insert Size: 675 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\\_001271003.1](#)

**RefSeq Size:** 2411 bp

**RefSeq ORF:** 675 bp

**Locus ID:** 7980

**UniProt ID:** [P48307](#)

**Cytogenetics:** 7q21.3

**Protein Families:** Secreted Protein

**MW:** 25.8 kDa

**Gene Summary:** This gene encodes a member of the Kunitz-type serine proteinase inhibitor family. The protein can inhibit a variety of serine proteases including factor VIIa/tissue factor, factor Xa, plasmin, trypsin, chymotrypsin and plasma kallikrein. This gene has been identified as a tumor suppressor gene in several types of cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]

Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 5' coding region, compared to variant 1, resulting in an isoform (2) that is shorter than isoform 1.