

Product datasheet for **SC310882**

Polyserase3 (PRSS53) (NM_001039503) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Polyserase3 (PRSS53) (NM_001039503) Human Untagged Clone
Tag:	Tag Free
Symbol:	Polyserase3
Synonyms:	POL3S; UNQ308
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_001039503 edited
 ATGAAGTGGTGTGCTGGGGCCAGTGTGCTCATCGCGGGTGCCACAGTCTCATGGAGGGT
 CTTCAAGCCGCTCAGCGTGCCTGTGGACAGCGTGGCCCCGGCCCCCAAGCCTCAGGAG
 GGCAACACAGTCCCTGGCGAGTGGCCCTGGCAGGCCAGTGTGAGGAGGCAAGGAGCCAC
 ATCTGCAGCGGCTCCCTGGTGGCAGACACCTGGTCTCACTGCTGCCACTGCTTTGAA
 AAGGCAGCAGCAACAGAAGTTCCTGGTCAAGTGGTCTGGTCTCTGCAGCGTGTGAG
 GGACTCAGCCCTGGGGCCGAAGAGGTGGGGTGGCTGCCCTGCAGTTGCCAGGGCCTAT
 AACCACTACAGCCAGGGCTCAGACCTGGCCCTGCTGCAGCTCGCCACCCACGACCCAC
 ACACCCCTCTGCCTGCCCGAGCCCGCCATCGCTTCCCCTTTGGAGCCTCCTGCTGGGCC
 ACTGGCTGGGATCAGGACACCAGTGTGCTCCTGGGACCCTACGCAATCTGCGCCTGCGT
 CTCATCAGTGCAGCCACATGTAAGTGTATCTACAACCAGCTGCACCAGCGACACCTGTCC
 AACCCGGCCCGGCTGGGATGCTATGTGGGGGCCCCAGCCTGGGGTGCAGGGCCCTGT
 CAGGGAGATTCGGGGGCCCTGTGCTGTGCCTCGAGCCTGACGGACTGGGTTGAGGCT
 GGCATCATCAGCTTTCATCAAGCTGTGCCAGGAGGACGCTCCTGTGCTGCTGACCAAC
 ACAGCTGCTCACAGTTCCTGGCTGCAGGCTCGAGTTCAGGGGGCAGCTTTCCTGGCCAG
 AGCCAGAGACCCCGAGATGAGTGATGAGGACAGCTGTGTAGCCTGTGGATCCTTGAGG
 ACAGCAGGTCCCCAGGCAGGAGCACCCCTCCCCATGGCCCTGGGAGGCCAGGCTGATGCAC
 CAGGGACAGCTGGCCTGTGGCGGAGCCCTGGTGTGAGGAGGGCGGTGCTAACTGCTGCC
 CACTGCTTCATTGGGCGCCAGGCCCCAGAGGAATGGAGCGTAGGGCTGGGGACCAGACCG
 GAGGAGTGGGGCTGAAGCAGCTCATCTGCATGGAGCCTACACCCACCTGAGGGGGGC
 TACGACATGGCCCTCCTGCTGCTGGCCAGCCTGTGACTGGGAGCCAGCCTGCGGCC
 CTCTGCCTGCCCTATCCTGACCACCACCTGCCTGATGGGAGCGTGGCTGGGTTCTGGGA
 CGGGCCCGCCAGGAGCAGGCATCAGCTCCCTCCAGACAGTGCCTGTGACCCCTCCTGGG
 CCTAGGGCCTGCAGCCGGCTGCATGCAGCTCCTGGGGTGTGAGGAGCCCTATTCTGCCG
 GGGATGGTGTGTACAGTGTGTGGGTGAGCTGCCAGCTGTGAGGGCCTGTCTGGGGCA
 CCACTGGTGCATGAGGTGAGGGGCACATGGTTCCTGGCCGGGCTGCACAGCTTCGGAGAT
 GCTTGCCAAGGCCCGCCAGGCCGGCGGTCTTACCGCGCTCCCTGCCTATGAGGACTGG
 GTCAGCAGTTTGGACTGGCAGGTCTACTTCGCCGAGGAACAGAGCCCGAGGCTGAGCCT
 GGAAGTGCCTGGCCAACATAAGCCAACCAACCAGCTGCTGA

- Restriction Sites:** Please inquire
- ACCN:** NM_001039503
- Insert Size:** 1700 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).
- OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
- 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_001039503.1](#), [NP_001034592.1](#)

RefSeq Size: 1662 bp

RefSeq ORF: 1662 bp

Locus ID: 339105

UniProt ID: [Q2L4Q9](#)

Cytogenetics: 16p11.2

Gene Summary: In vitro can degrade the fibrinogen alpha chain of as well as pro-urokinase-type plasminogen activator.[UniProtKB/Swiss-Prot Function]