

Product datasheet for **SC307547**

Polyserase1 (TMPRSS9) (NM_182973) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Polyserase1 (TMPRSS9) (NM_182973) Human Untagged Clone
Tag:	Tag Free
Symbol:	Polyserase1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_182973 edited <pre> ATGGAGCCCACTGTGGCTGACGTACACCTCGTGCCAGGACAACCAAGGAAGTCCCCGCT CTGGATGCCGCGTGTGTCGAGCGGCCAGCATTGGCGTGGTGCCACCAGCCTTGTGCTC CTCACCTGGGAGTCCTTTTGGCCTTCCTCTCTACACAGGGCTTCCACGTGGACCACAGC GCCGAGCTGCGGGGAATCCGGTGGACCAGCAGTTTGC GGCGGGAGACCTCGGACTATCAC CGCACGCTGACGCCCACCTGGAGGCACTGCTGCACTTTCTGCTGCGACCCCTCCAGACG CTGAGCCTGGGCTGGAGGAGGAGCTATTGCAGCGAGGGATCCGGGCAAGGCTGCGGGAG CACGGCATCTCCCTGGCTGCCTATGGCACAATTGTGTCGGCTGAGCTCACAGGGAGACAT AAGGGACCCTTGGCAGAAAGAGACTTCAAATCAGGCCGCTGTCCAGGGAACCTCTTTTCC TGCGGGAACAGCCAGTGTGTGACCAAGGTGAACCCGAGTGTGACGACCAGGAGGACTGC TCCGATGGGTCCGACGAGGCGCACTGCGAGTGTGGCTTGACGCTGCCTGGAGGATGGCC GGCAGGATCGTGGCGGCATGGAAGCATCCCCGGGGAGTTTCCGTGGCAAGCCAGCCTT CGAGAGACAAGGAGCACTTCTGTGGGGCCGCCATCATCAACGCCAGGTGGCTGGTGTCT GCTGCTACTGCTTCAATGAGTTCCAAGACCCGACGAAGTGGGTGGCTACGTGGGTGCG ACCTACCTCAGCGGCTCGGAGGCCAGCACCGTGC GGGGCCAGGTGGTCCAGATCGTCAAG CACCCCTGTACAACGCGGACACGGCCGACTTTGACGTGGCTGTGCTGGAGCTGACCAGC CCTCTGCCTTTTCGGCCGGCACATCCAGCCCGTGTGCCTCCCGGCTGCCACACACATCTTC CCACCCAGCAAGAAGTGCTGATCTCAGGCTGGGGCTACCTCAAGGAGGACTTCTGGTGC AAGCCAGAGGTGCTGCAGAAAGCCACTGTGGAGTGTGCTGGACCAGGCACTGTGTGCCAGC TTGTACGCCATTCACTACTGACAGGATGGTGTGCGCTGGCTACCTGGACGGGAAGGTG GACTCCTGCCAGGTGACTCAGGAGGACCCCTGGTCTGCGAGGAGCCCTCTGGCCGGTTC TTTCTGGCTGGCATCGTGAGCTGGGGAATCGGGTGTGCGGAAGCCCGGCGTCCAGGGGTC TATGCCCGAGTACCAGGCTACGTGACTGGATCCTGGAGGCCACCACAAAGCCAGCATG CCTCTGGCCCCCACCATGGCTCCTGCCCCTGCCGCCCCAGCACAGCCTGGCCCACCACT CCTGAGAGCCCTGTGGTCAGCACCCCAACAAATCGATGCAGGCCCTCAGTACCGTGCCT CTTGACTGGGTACCGTTCTTAAGCTACAAGAATGTGGGGCCAGGCCTGCAATGGAGAAG CCCACCCGGGTCTGGGCGGGTTCGGAGTGCCTCCGGGGAGGTGCCCTGGCAGGTGAGC CTGAAGGAAGGGTCCCGCACTTCTGCGGAGCAACTGTGGTGGGGGACCGCTGGCTGCTG TCTGCCGCCCACTGCTTCAACCACACGAAGGTGGAGCAGGTTCGGGCCCACTGGGCACT </pre>


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GCGTCCCTCCTGGGCTGGGCGGGAGCCCGGTGAAGATCGGGCTGCGGCGGGTAGTGCTG
 CACCCCTCTACAACCTGGCATCTGGACTTCGACCTGGCTGTCTGGAGCTGGCCAGC
 CCCCTGGCCTTCAACAAATACATCCAGCCTGTCTGCTGCCCCTGGCCATCCAGAAGTTC
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 CGGTGGGTGCTAACTGGGTCACTAGCTGGGGCTATGGCTGTGGCGGCCCACTTCCCA
 GGTGTCTATACCCGGGTGGCAGCTGTGAGAGGCTGGATAGGACAGCACATCCAGGAGTGA

Restriction Sites:	Please inquire
ACCN:	NM_182973
Insert Size:	3200 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:	<u>NM_182973.1</u> , <u>NP_892018.1</u>

RefSeq Size: 3180 bp

RefSeq ORF: 3180 bp

Locus ID: 360200

UniProt ID: [Q7Z410](#)

Cytogenetics: 19p13.3

Protein Families: Druggable Genome, Transmembrane

Gene Summary: The protein encoded by this gene is a membrane-bound type II serine polypeptidase that is cleaved to release three different proteases. Two of the proteases are active and can be inhibited by serine protease inhibitors, and one is thought to be catalytically inactive. This gene enhances the invasive capability of pancreatic cancer cells and may be involved in cancer progression. [provided by RefSeq, Jul 2016]