

Product datasheet for **SC330726**

SERPIN7 (NM_001261830) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	SERPIN7
Synonyms:	MEGSIN; PPKN; TP55
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC330726 representing NM_001261830. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCCTCCCTTGCTGCAGCAAATGCAGAGTTTTGCTTCAACCTGTTCAGAGAGATGGATGACAATCAA  
GGAAATGGAATGTGTTCTTTCTCTGAGCCTCTCGCTGCCCTGGCCTGGTCCGCTTGGCGCT  
CAAGATGACTCCCTCTCAGATTGATAAGTTGCTTCATGTTAACACTGCCTCAGGATATGGAACTCT  
TCTAATAGTCAGTCAGGCTCCAGTCTCAACTGAAAAGAGTTTTTCTGATATAAATGCATCCACAAG  
GATTATGATCTCAGCATTGTGAATGGGCTTTTGTGAAAAAGGTATGGCTTTCATAAGGACTACATT  
GAGTGTGCCGAAAATTATACGATGCCAAAGTGGAGCGAGTTGACTTTACGAATCATTTAGAAGCACT  
AGACGTAATATTAATAAGTGGGTTGAAAATGAAACACATGGCAAAATCAAGAACGTGATTGGTGAAGT  
GGCATAAGCTCATCTGCTGTAATGGTGTGGTGAATGCTGTGACTTCAAAGGCAAGTGGCAATCAGCC  
TTCACCAAGAGCGAAACCATAAATTGCCATTTCAAATCTCCCAAGTCTGGGAAGGCAAGTCCCATG  
ATGCATCAGGAACGGAAGTTCAATTTGCTGTTATTGAGGACCCATCAATGAAGATTCTTGAGCTCAGA  
TACAATGGTGGCATAAACATGTACGTTCTGCTGCCTGAGAATGACCTCTCTGAAATTGAAAACAACTG  
ACCTTTCAGAACTAATGGAATGGACCAATCCAAGGCGAATGACCTCTAAGTATGTTGAGGTATTTTT  
CCTCAGTTCAAGATAGAGAAGAATTATGAAATGAAACAATATTTGAGAGCCCTAGGGCTGAAAGATATC  
TTTGATGAATCCAAAGCAGATCTCTCTGGGATTGCTTCGGGGGGTCTGCTGTATATATCAAGGATGATG  
CACAAATCTTACATAGAGGTCAGTACGAGGAGGACCGAGGCTACTGCTGCCACAGGAAGTAATTTGTA  
GAAAAGCAACTCCCTCAGTCCACGCTGTTTAGAGCTGACCACCCATTCTATTTGTTATCAGGAAGGAT  
GACATCATCTTATTCAGTGGCAAAGTTTCTGCCCTGA
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001261830
Insert Size:	1143 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:	<ol style="list-style-type: none">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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001261830.1
RefSeq Size:	1951 bp
RefSeq ORF:	1143 bp
Locus ID:	8710
UniProt ID:	O75635
Cytogenetics:	18q21.33
Protein Families:	Druggable Genome
MW:	42.9 kDa
Gene Summary:	<p>This gene encodes a member of a family of proteins which function as protease inhibitors. Expression of this gene is upregulated in IgA nephropathy and mutations have been found to cause palmoplantar keratoderma, Nagashima type. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2014]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR, compared to variant 1. Variants 1, 2 and 3 encode the same isoform (1).</p>