

Product datasheet for **SC216089**

alpha 1 Antitrypsin (SERPINA1) (NM_001127703) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	alpha 1 Antitrypsin (SERPINA1) (NM_001127703) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SERPINA1
Synonyms:	A1A; A1AT; AAT; alpha1AT; nNIF; PI; PI1; PRO2275
ACCN:	NM_001127703
Insert Size:	1717 bp



[View online »](#)

Insert Sequence:

>SC216089 3' UTR clone of NM_001127703

The sequence shown below is from the reference sequence of NM_001127703. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site
Blue=Stop Codon

CAATTGGCAGAGCTCAGAATTCAA**ACGATCGC**

CCTCTTCATGGGAAAAGTGGTGAATCCCACCCAAAAA**TA**ACTGCCTCTCGCTCCTCAACCCCTCCCCTCC
ATCCCTGGCCCCCTCCCTGGATGACATTAAGAAGGGTTGAGCTGGTCCCTGCCTGCATGTGACTGTAA
TCCCTCCCATGTTTTCTCTGAGTCTCCCTTTGCCTGCTGAGGCTGTATGTGGGCTCCAGGTAACAGTGCT
GTCTTCGGGCCCCCTGAACTGTGTTTATGGAGCATCTGGCTGGGTAGGCACATGCTGGGCTTGAATCCAG
GGGGGACTGAATCCTCAGCTTACGGACCTGGGCCATCTGTTTCTGGAGGGCTCCAGTCTCCTTGTCT
GTCTTGGAGTCCCAAGAAGGAATCACAGGGGAGGAACCAGATACCAGCCATGACCCAGGCTCCACCAA
GCATCTTCATGTCCCCCTGCTCATCCCCACTCCCCCACCAGAGTTGCTCATCCTGCCAGGGCTGGC
TGTGCCACCCCAAGGCTGCCCTCCTGGGGGCCCAGAACTGCCTGATCGTGCCGTGGCCAGTTTTGTG
GCATCTGCAGCAACACAAGAGAGAGGACAATGTCTCCTCTTGACCCGCTGTACCTAACCAGACTCGGG
CCCTGCACCTCTCAGGCACTTCTGGAAAATGACTGAGGCAGATTCTTCTGAAGCCCATCTCCATGGGG
CAACAAGGACACCTATTCTGTCTTGTCTTCCATCGCTGCCCGAAAGCCACACATATCTCCGTTTAG
AATCAGGTCCCTTCTCCCCAGATGAAGAGGAGGGTCTCTGCTTTGTTTTCTATCTCCTCCTCAGACTT
GACCAGGCCAGCAGGCCCCAGAAGACCATTACCCTATATCCCTTCTCCTCCCTAGTCACATGGCCATAG
GCCTGCTGATGGCTCAGGAAGGCCATTGCAAGGACTCCTCAGCTATGGGAGAGGAAGCACATCACCCATT
GACCCCGCAACCCCTCCCTTCTCCTCTGAGTCCCGACTGGGGCCACATGCAGCCTGACTTCTTTGTG
CCTGTTGCTGTCCCTGCAGTCTTCAGAGGGCCACCGCAGCTCCAGTGCCACGGCAGGAGGCTGTTCTGA
ATAGCCCTGTGGTAAGGGCCAGGAGATCCTTCCATCCTCCAAGGCCCTGCTAAAGGACACAGCAGCCA
GGAAAGTCCCCTGGGCCCTAGCTGAAGGACAGCCTGCTCCCTCCGTCTCTACCAGGAATGGCCTTGTCT
ATGGAAGGCACTGCCCATCCCAAATACTAGGAATCACTGTCTAACCCTCACTGTCATGAATGTGT
ACTTAAAGGATGAGGTTGAGTCATACCAAATAGTGATTCGATAGTTCAAATGGTGAAATTAGCAATTC
TACATGATTCAGTCTAATCAATGGATACCGACTGTTCCACACAAGTCTCCTGTTCTCTAAGCTTACT
CACTGACAGCCTTCACTCTCCACAAATACATTAAGATATGGCCATACCAAGCCCTAGGATGACAC
CAGACCTGAGAGTCTGAAGACCTGGATCCAAGTTCTGACTTTTCCCCTGACAGCTGTGTGACCTTCGTG
AAGTCGCCAAACCTCTCTGAGCCCAAGTATTGCTAGTAAGACCTGCCTTTGAGTTGGTATGATGTTCAA
GTTAGATAACAAAATGTTTATACCCATTAGAACAGAG

ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCG

Restriction Sites:

Sgfl-Mlul

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq:

[NM_001127703.1](#)

Summary:

The protein encoded by this gene is a serine protease inhibitor belonging to the serpin superfamily whose targets include elastase, plasmin, thrombin, trypsin, chymotrypsin, and plasminogen activator. This protein is produced in the liver, the bone marrow, by lymphocytic and monocytic cells in lymphoid tissue, and by the Paneth cells of the gut. Defects in this gene are associated with chronic obstructive pulmonary disease, emphysema, and chronic liver disease. Several transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Aug 2020]

Locus ID:

5265