

## Native Human SERPINA3

**Cat. No.** SERPINA3-8349H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Native Human SERPINA3 was purified from Pooled normal human serum.
<b>Species</b>	Human
<b>Source</b>	Human Serum
<b>Description</b>	ACT is a chronic acute phase marker and serine protease inhibitor of 68 kDa and pI between 3.75 and 4.0. ACT can complex with PSA to form the PSA-ACT complex, which is used as an indicator of tumor mass and clinical stage analysis of prostate cancer. Chronic acute phase marker and serine protease inhibitor of 68 kDa and pI between 3.75 and 4.0. ACT can complex with PSA to form PSA-ACT complex which is used as an indicator of tumour mass and clinical stage of prostate cancer.
<b>Form</b>	Lyophilised from 0.02M NH <sub>4</sub> HCO <sub>3</sub> . May contain traces of buffer salts.
<b>Molecular Mass</b>	68 kDa
<b>Purity</b>	>99%

### GENE INFORMATION

<b>Gene Name</b>	SERPINA3 serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3 [ Homo sapiens ]
<b>Official Symbol</b>	SERPINA3

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<b>Synonyms</b>	SERPINA3; serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3; AACT, alpha 1 antichymotrypsin , serine (or cysteine) proteinase inhibitor, clade A (alpha 1 antiproteinase, antitrypsin), member 3; alpha-1-antichymotrypsin;
<b>Gene ID</b>	12
<b>mRNA Refseq</b>	NM_001085
<b>Protein Refseq</b>	NP_001076
<b>MIM</b>	107280
<b>UniProt ID</b>	P01011
<b>Chromosome Location</b>	14q32.1
<b>Pathway</b>	Selenium Pathway, organism-specific biosystem;
<b>Function</b>	DNA binding; peptidase inhibitor activity; protein binding; serine-type endopeptidase inhibitor activity; serine-type endopeptidase inhibitor activity;

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