

Native Human SERPINA3

Cat. No. SERPINA3-27285TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full length Human alpha 1 Antichymotrypsin from plasma, 45 kDa.
Species	Human
Source	Human Plasma
Description	The protein encoded by this gene is a plasma protease inhibitor and member of the serine protease inhibitor class. Polymorphisms in this protein appear to be tissue specific and influence protease targeting. Variations in this proteins sequence have been implicated in Alzheimers disease, and deficiency of this protein has been associated with liver disease. Mutations have been identified in patients with Parkinson disease and chronic obstructive pulmonary disease.
Form	Liquid
Molecular Mass	45 kDa
Purity	>95% by SDS-PAGE
Storage	Shipped at 4°C . Upon delivery aliquot and store at -20°C or -80°C . Avoid repeated freeze / thaw cycles.
Storage Buffer	Preservative: NoneConstituents: 20mM Tris, 150mM Sodium chloride, pH 7.4
Full Length	Full L.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	SERPINA3 serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3 [Homo sapiens]
Official Symbol	SERPINA3
Synonyms	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;
Gene ID	12
mRNA Refseq	NM_001085
Protein Refseq	NP_001076
MIM	107280
UniProt ID	P01011
Chromosome Location	14q32.1
Pathway	Selenium Pathway, organism-specific biosystem;
Function	DNA binding; peptidase inhibitor activity; protein binding; serine-type endopeptidase inhibitor activity; serine-type endopeptidase inhibitor activity;

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