

Datasheet for ABIN666908

**SERPINA3 Protein (AA 24-423) (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	SERPINA3
Protein Characteristics:	AA 24-423
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SERPINA3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Characteristics:	Alpha-1-antichymotrypsin, 24-423 aa, Human, His-tag, E.coli
Purity:	> 95 % by SDS-PAGE

## Target Details

Target:	SERPINA3
Alternative Name:	Alpha-1-antichymotrypsin ( <a href="#">SERPINA3 Products</a> )
Background:	Alpha-1-antichymotrypsin 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 protein's sequence have been implicated in Alzheimer's 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.

## Target Details

Recombinant alpha-1-antichymotrypsin protein was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: AACT, ACT, GIG24, GIG25, SERPINA3, Serpin peptidase inhibitor, clade A, member 3 Cell growth inhibiting gene 24/25 protein, Growth inhibiting protein 24, Antichymotrypsin, Growth inhibiting protein 25, MGC88254, Serine (or cysteine) proteinase inhibitor clade A (alpha 1 antiproteinase, antitrypsin) member 3, Serine (or cysteine) proteinase inhibitor clade A member 3, Serine proteinase inhibitor clade A member 3, Serpin peptidase inhibitor clade A (alpha 1 antiproteinase antitrypsin) member 3. NCBI no.: NP\_001076

Molecular Weight: 47.6 kDa (421aa), confirmed by MALDI-TOF.

## Application Details

Restrictions: For Research Use only

## Handling

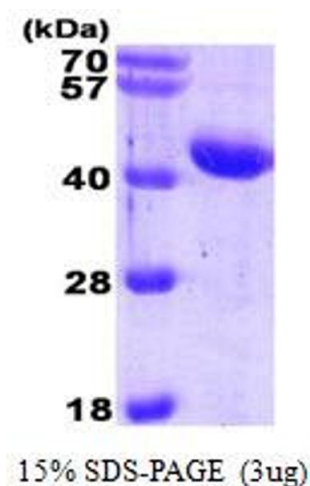
Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1mM DTT.

Storage: 4 °C

## Images



### SDS-PAGE

Image 1.