

Datasheet for ABIN934521 **SERPINA3 Protein**



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Overview

Quantity: 1 mg

Target: SERPINA3

Origin: Human

Source: Human

Protein Type: Native

Product Details

Characteristics: Purified native Human alpha 1 Antichymotrypsin protein
Protein Source: Human plasma

Purity: > 95 % pure

Target Details

Target: SERPINA3

Alternative Name: alpha 1 Antichymotrypsin ([SERPINA3 Products](#))

Background: An acute-phase plasma protein found at 45 mg per 100 ml. ACT functions as a specific inhibitor of chymotrypsin-like serine proteases. Clinically, it is elevated in inflammatory conditions, some malignancies, Crohn's disease, ulcerative colitis, and burn injuries. The PSA-ACT complex level is considered a biomarker for prostate cancer.

Description: Human plasma.

Alternative Names: alpha-1-Antichymotrypsin protein, alpha 1 Antichymotrypsin, alpha-1-Antichymotrypsin protein, alpha-1-Antichymotrypsin, A1ACT protein

Molecular Weight: 64 kDa

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute in distilled water.

Buffer: Lyophilized from 20 mM Tris-HCl, pH 7.4, with 150 M NaCl.

Precaution of Use: Donor samples were tested and found to be negative for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2. Nonetheless caution should be used when handling this material as there is a margin of error in all tests.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: -20 °C

Storage Comment: Aliquot and store at -20 °C.
