



# Serpina3n, Recombinant, Mouse, aa21-418, His-Tag (Serine Protease Inhibitor A3N)

## Catalog number

375265

## Supplier

United States Biological

The single human alpha1-antichymotrypsin gene (SERPINA3) is represented by a cluster of 14 individual murine paralogs.

## Source

Recombinant protein corresponding to aa21-418 from mouse Serpina3n, fused to His-Tag at N-terminal, expressed in Yeast.

## Molecular Weight

~46.8kD

## AA Sequence

FPDGTLGMDAAVQEDHDNGTQLDSLTLASINTDFAFSLYKELVLKNPDKNIVFSPLSISAALAVMSLGAKGNTLEEIL  
EGLKFNLTETSEADIHQGFHLLQRLNQPDKDQVQISTGSALFIEKRQQILTEFQEAKAKTLYQAEAFADTFQQPRQAKK  
LINDYVRKQTQGMIKELVSDLDKRTLMLVNYIYFKAKWKVPFDPLDTFKSEFYAGKRRPVIVPMMSMEDLTTPYFR  
DEELSCTVVELKYTGNASALFILPDQGRMQQVEASLQPETLRKWKNSLKPRMIDELHLPKFSISTDYSLEDVLSKLG  
REVSTQADLSAITGKDLRVSQVVKAVLDAETGTEAAAATGVKFPMSAKLYPLTVYFNRPFILMIFDTETEIAPI  
AKIANPK

## Storage and Stability

May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Aliquots are stable for 6 months after receipt at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

## Formulation

Supplied as a liquid in Tris-HCl, pH 8.0, 1mM EDTA, 50% glycerol.

## Purity

~90% (SDS-PAGE)

## Grade

Purified

## Storage

-20°C

## MW

46.8



## Antigen Modification

Recombinant, Yeast

### Reference

1. "A tissue-specific atlas of mouse protein phosphorylation and expression." Huttlin E.L., Jedrychowski M.P., Elias J.E., Goswami T., Rad R., Beausoleil S.A., Villen J., Haas W., Sowa M.E., Gygi S.P. Cell 143:1174-1189(2010).