

# Recombinant Mus musculus Serine protease inhibitor A3N

Catalog No: #AP73101

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Package Size: #AP73101-1 20ug #AP73101-2 100ug #AP73101-3 1mg

## Description

Product Name	Recombinant Mus musculus Serine protease inhibitor A3N
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:21-418aaSequence Info:Full Length of Mature Protein
Other Names	Spi2
Accession No.	Q91WP6
Uniprot	Q91WP6
Calculated MW	46.8 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	FPDGTLGMDAAVQEDHDNGTQLDSLTLASINTDFAFSLYKELVLKNPDKNIVFSPLSISAALAVMSLGAKGNL EEILEGLKFNLTETSEADIHQGFHLLQRLNQPKDQVQISTGSALFIEKRQQILTEFQEAKATLYQAEAFATDFQ QPRQAKKLINDYVRKQTQGMIKELVSDLDKRTLMLVNYIYFKAKWKVPFDPLDTFKSEFYAGKRRPVIVPMM SMEDLTTPYFRDEELSCTVVELKYTGNASALFILPDQGRMQVEASLQPETLRKWKNSLKPRMIDELHLPKFSI STDYSLEDVLSKLGIREVFSTQADLSAITGTDLRVSVVHKAVLDVAETGTEAAAATGVKFPMSAKLYPLTV YFNRPFIMIFDTETEIAPFIAKIANPK
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.  Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

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

## References

"A review and comparison of the murine alpha1-antitrypsin and alpha1-antichymotrypsin multigene clusters with the human clade A serpins."

Forsyth S., Horvath A., Coughlin P.

Genomics 81:336-345(2003)Research Topic:Others

Note: This product is for in vitro research use only