



Recombinant Mouse Serpin A1a (C-6His, AAH11040.1)

Catalog #	EPT200
Expression Host	Human Cells
DESCRIPTION	Recombinant Mouse Serine protease inhibitor A1a is produced by our Mammalian expression system and the target gene encoding Glu25-Lys413 is expressed with a 6His tag at the C-terminus.
Accession	AAH11040.1
Synonyms	Alpha-1-antitrypsin 1-1, Alpha-1 protease inhibitor 1, Alpha-1-antiproteinase, Serine protease inhibitor 1-1, Serine protease inhibitor A1a, Serpin A1a, AAT.
Mol Mass	44.3 KDa
AP Mol Mass	50-60 KDa, reducing conditions
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Endotoxin	Less than 0.1 ng/μg (1 EU/μg) as determined by LAL test.
FORMULATION	Supplied as a 0.2 μ m filtered solution of 20mM





Tris-HCl, 150mM NaCl, pH 8.0.

RECONSTITUTION

SHIPPING

The product is shipped on dry ice/polar packs.

Upon receipt, store it immediately at the temperature listed below.

STORAGE

Store at $\leq -70^{\circ}\text{C}$, stable for 6 months after receipt.

Store at $\leq -70^{\circ}\text{C}$, stable for 3 months under sterile conditions after opening.

Please minimize freeze-thaw cycles.

BACKGROUND

Serpin A1a is also known as alpha-1-antitrypsin, is a member of the serpin superfamily of serine proteinase inhibitors that are involved in the regulation of a number of proteolytic processes. Its primary target is elastase, but it also has a moderate affinity for plasmin and thrombin.

SDS-PAGE

