

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



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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

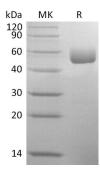
Store at \leq -70°C, stable for 6 months after receipt.

Store at \leq -70 °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

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