

Alpha-1-Antitrypsin 1-3/SERPIN A1b Recombinant Protein | SERPIN A1b recombinant protein

Recombinant Mouse Serpina1c Protein (His Tag)

CATALOG # AAA174042	HOST Human Cells
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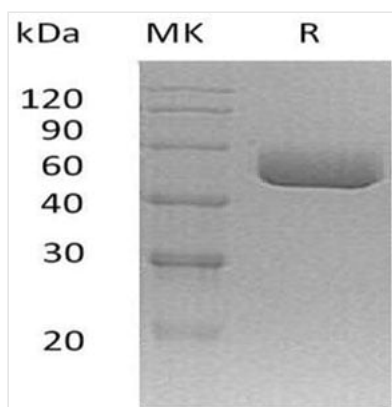
PRODUCT SYNONYMS

Alpha-1-Antitrypsin 1-3/SERPIN A1b; Recombinant Mouse Serpina1c Protein (His Tag); Alpha-1-antitrypsin 1-3; Alpha-1 protease inhibitor 3; Alpha-1 protease inhibitor 6; Alpha-1-antitrypsin 1-6; Serine protease inhibitor 1-3; Serine protease inhibitor 1-6; Serine protease inhibitor A1c; Serpin A1c; Serpina1c; Dom3; Dom6; Spi1-3; Spi1-6; SERPIN A1b recombinant protein

PRODUCT SPECIFICATIONS

Host	Human Cells
Purity/Purification	> 95 % as determined by SDS-PAGE
Form/Format	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4.
Sequence Positions	Glu25-Lys413
Sequence Length	413
Species	Mouse
Tag	C-6His
Endotoxin	< 1.0 EU per ug as determined by the LAL method.
Reconstitution	It is recommended that sterile water (200uL) be added to the vial to prepare a stock solution of 0.25mg/mL. Concentration is measured by UV-Vis.
Preparation and Storage	Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80 degree C. Reconstituted protein solution can be stored at 4-8 degree C for 2-7 days. Aliquots of reconstituted samples are stable at < -20 degree C for 3 months. Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for SERPIN A1b recombinant protein	Alpha-1-antitrypsin 1-3(SERPIN A1) is a secreted protein and belongs to the serpin family. Serpins bind the protease active site resulting in a major conformational rearrangement that traps the enzyme in a covalent acyl-enzyme intermediate. Mouse SERPIN A1 is a serine protease inhibitor whose targets include elastase, plasmin, thrombin, trypsin, chymotrypsin, and plasminogen activator. Defects in this gene can cause emphysema or liver disease. Several transcript variants encoding the same protein have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6678083
NCBI GeneID	20702
NCBI Accession #	NP_033271.1
NCBI GenBank Nucleotide #	NM_009245.2
UniProt Accession #	Q00896; P81105; Q91V74; Q91WH5; Q91XC1
Molecular Weight	Molecular Mass: 44.4 kDa Actual Protein Molecular Mass: 46kDa
NCBI Official Full Name	alpha-1-antitrypsin 1-3
NCBI Official Synonym Full Names	serine (or cysteine) peptidase inhibitor, clade A, member 1C
NCBI Official Symbol	Serpina1c
NCBI Official Synonym Symbols	Pi3; Pi6; Wap3; Skalp; Spi1-3; Spi1-6
NCBI Protein Information	alpha-1-antitrypsin 1-3
UniProt Protein Name	Alpha-1-antitrypsin 1-3
UniProt Gene Name	Serpina1c
UniProt Synonym Gene Names	Dom3; Dom6; Spi1-3; Spi1-6; Serpin A1c

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/serpina1c-recombinant-protein-human/174042>