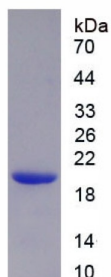
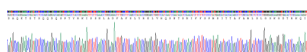


Rat Alpha-1-Antitrypsin (a1AT) Protein

Catalogue No.: abx065231



SDS-PAGE analysis of recombinant Rat a1AT Protein.



Gene sequencing extract of recombinant Rat a1AT Protein.

Rat Alpha-1-Antitrypsin (a1AT) is a recombinant Rat protein produced in a Prokaryotic expression system (E. coli).

Target: Alpha-1-Antitrypsin (a1AT)

Origin: Rat

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: E. coli

Conjugation: Unconjugated

Form: Lyophilized

Purity: > 97%

Reconstitution: To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH₂O. If a lower concentration is required, dilute in 20 mM Tris, 150 mM NaCl, pH 8.0. If a higher concentration is required, the product can be reconstituted directly in 20 mM Tris, 150 mM NaCl, pH 8.0, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.

Datasheet

Version: 6.0.0
Revision date: 21 Jun 2025



Storage:	Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P17475 (UniProt , ExPASy)
Gene Symbol:	SERPINA1
GeneID:	24648
KEGG:	rno:24648
String:	10116.ENSRNOP00000012577
Molecular Weight:	Calculated MW: 20.1 kDa Observed MW (SDS-PAGE): 20 kDa
Sequence Fragment:	Ala27-Lys181
Sequence:	AQET DTSQQDQSPT YRKISSNLAD FAFSLYRELV HQSNTSNIFF SPMSITTAFa MLSLGSKGDT RKQILEGLEF NLTQIPEADI HKAFHHLLQT LNRPDSELQL NTGNGLFVNK NLKLVEKFLE EVKNNYHSEA FSVNFADSEE AKKVINDYVE K
Tag:	N-terminal His tag
Buffer:	Prior to lyophilization: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 0.01% Sarcosyl, 5% Trehalose.
Activity:	Not tested
Concentration:	Prior to lyophilization: 150 µg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.