

Product Datasheet

Human alpha 1 Antitrypsin protein (orb392449)

Description

Recombinant human alpha 1 Antitrypsin

expression system and the...

Reactivity

Human

Endotoxins

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

Tested

ELISA, MS, SDS-PAGE, WB

Applications

Target

SERPINA1

Preservatives

Lyophilized from a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, 2mM CaCl₂, pH 7.5.

Form/Appearance

Lyophilized from a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, 2mM CaCl₂, pH 7.5.

Storage

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

Note

For research use only

Application notes

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Protein Sequence

EDPQGDAQK TDTSHHDQDH
PTFNKITPNL AEFAFSLYRQ LAHQSNSTNI
FFSPVSIATA FAMLSTGKA DTHDEILEGL
NFNLTIEPEA QIHEGFQELL RTLNQPSQL
QLTTGNGLFL SEGLKLVDF LEDVKKLYHS
EAFTVNFGDT EEAKKQINDY VEKGTQGKIV
DLVKELDRDT VFALVNYIFF KGKWERPFV
KDTEEDFHV DQVTTVKVPM
MKRLGMFNIQ HCKKLSSWVL
LMKYLGNATA IFFLPDEGL QHLENELTHD
IITKFLNED RRSASLHLPK LSITGTDLK
SVLGQLGITK VFSNGADLSG VTEEAPLKLS
KAVHKAVLT DEKGTEAAGA MFLEAIPMSI
PPEVKFNKPF VFLMIDQNTK SPLFMGKVVN
PTOKVDHHHH HH

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