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## Product Datasheet

### Human SERPINA3 protein (orb392453)

**Description**

Recombinant human SERPINA3 protein is

system and the target gen...

**Reactivity**

Human

**Endotoxins**

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

**Tested Applications**

ELISA, MS, SDS-PAGE, WB

**Target**

SERPINA3

**Preservatives**

Lyophilized from a 0.2 μM filtered solution of 20mM HEPES, 150mM NaCl, pH 7.5

**Form/Appearance**

Lyophilized from a 0.2 μM filtered solution of 20mM HEPES, 150mM NaCl, 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**

HPNSPLDEEN LTQENQDRGT HVDLGLASAN  
 VDFAFSLYKQ LVLKAPDKNV IFSPLSISTA  
 LAFLSLGAHN TTLTEILKGL KFNLTETSEA  
 EIHQSFQHLL RTLNQSSDEL QLSMGNAMFV  
 KEQLSLLDRF TEDAKRLYGS EAFATDFQDS  
 AAAKKLINDY VKNGTRGKIT DLIKDLDSQT  
 MMVLVNYIFF KAKWEMPFDP QDTHQSRFYL  
 SKKKWVMVPM MSLHHLTIPY FRDEELSCTV  
 VELRYTGNAS ALFILPDQDK MEEVEAMLLP  
 ETLKRWRDSL EFREIGELYL PKFSISRBYN  
 LNDILLQLGI EEAFTSKADL SGITGARNLA  
 VSQVVHKAVL DVFEEGTEAS AATAVKITLL  
 SALVETRIV RFNRPFLMII VPTDTQNIFF  
 MSKVTNPKQA VDHHHHHH

**Purity**

Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.