

Recombinant *Sus scrofa* (pig) Cystatin A**Source**

Species	<i>Sus scrofa</i> (pig)
Accession Number	Q28988
Gene Symbol	Cystatin-A1
Expressed Region	Glu2-Phe103
Synonyms	Cystatin-A1, Stefin-A1.

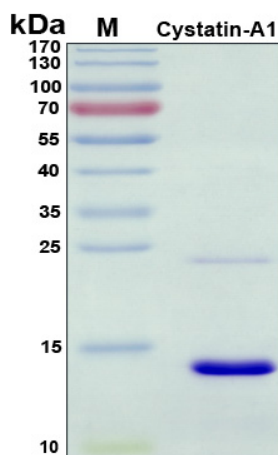
Preparation

Expression System	<i>Escherichia coli</i> (E.coli)
Tag	N-terminal histidine tag
Purification	His-tag affinity purification by immobilized metal ion affinity chromatography (IMAC)
Purity	>90 %
Purity Determined By	SDS-PAGE under reducing conditions and visualized by Coomassie blue staining
Molecular Weight	12

Protein Specifications

Format	Lyophilized powder
Formulation	Lyophilized from a 0.2 um filtered solution in PBS (pH 7.4)
Concentration	Determined by Bradford protein assay
Reconstitution	Briefly spin the vial and bring the contents to the bottom prior to opening. It is recommended to reconstitute at 0.1-1 mg/mL with sterile deionized water.

SDS-PAGE Image



Shipping

Ice packs

Storage/Stability

Upon arrival, the lyophilized protein may be stored for 2 weeks at 4°C. For long term storage, it is recommended to store desiccated below -20 °C in a manual defrost freezer. Following reconstitution, the protein may be stored for 2 weeks under sterile conditions at -20 °C. For long term storage, it is recommended to make appropriate aliquots and store at -80 °C. Avoid repeated freeze-thaw cycles.

This product is furnished for LABORATORY RESEARCH USE ONLY.

Not for diagnostic or therapeutic use.