

Sus scrofa (Pig) Legumain (His Tag) recombinant protein



Catalog Number: 504679

General Information

Protein Construction

A DNA sequence encoding the sus scrofa(Pig) LGMN (XP_001927117.4) (Val18-Tyr433) was expressed with a polyhistidine tag at the N-terminus.

Organism

Sus scrofa (Pig)

Expression Host

Human Cells

QC Testing

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

His

Molecular Mass

The recombinant sus scrofa (Pig) LGMN consists of 435 amino acids and has a predicted molecular mass of 49.7 kDa. The apparent molecular mass of

it is approximately 52.5 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 20 mM Tris, 50 mM NaCl, pH 8.0.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

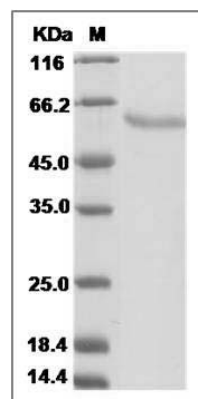
Storage

Store it under sterile conditions at -20°C to -80°C . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Sus scrofa (Pig) Legumain / LGMN / AEP Protein (His Tag) SDS-PAGE