

Mouse LAIR-1 / CD305 (His Tag) recombinant protein



Catalog Number: 500081

General Information

Protein Construction

A DNA sequence encoding the mouse LAIR1 (Q8BG84-1) extracellular domain (Gln 22-Ser 133) was expressed, with a C-terminal polyhistidine tag.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 90 % 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

Gln 22

Molecular Mass

The secreted recombinant mouse LAIR1 comprises 123 amino acids and has a calculated molecular mass of 14 kDa. As a result of glycosylation, the

apparent molecular mass of the recombinant protein is approximately 25-35 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, pH 7.4

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

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

Usage Guide

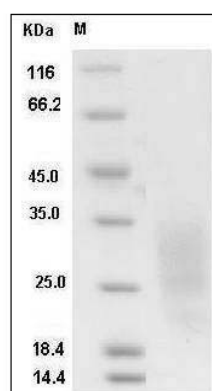
Storage

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



Mouse LAIR1 Protein (His Tag) SDS-PAGE