

Mouse ITGA5&ITGB6 (Flag & His Tag) recombinant protein



Catalog Number: 504406

General Information

Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Val988) of mouse ITGAV (NP_032428.2) was fused with a flag tag at the C-terminus, constructed the plasmid 1; A DNA sequence encoding the extracellular domain (Met1-Pro708) of mouse ITGB6 (NP_067334.1) was fused with a polyhistidine tag at the C-terminus, constructed the plasmid 2. The two plasmids were co-expressed and the mouse ITGAV&ITGB6 heterodimer was purified.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> (32.4+62.5) % 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

Phe 31 & Gly 22

Molecular Mass

The recombinant heterodimer of mouse ITGAV&ITGB6 comprises 1728 (1000+728) amino acids and has a calculated molecular mass of 190.4 (110.7+79.7) KDa.

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.