Ferret CD8a / Lyt2 (His Tag) recombinant protein

Catalog Number: 501229



General Information

Protein Construction

A DNA sequence encoding the Ferret (Mustela putorius furo) CD8A (ABS50091.1) extracellular domain (Met 1-Glu 186) was expressed, with a Cterminal polyhistidine tag.

Organism

Ferret

Expression Host

Human Cells

QC Testing

Activity

- 1. Measured by its ability to bind biotinylated recombinant human B2M in a functional ELISA.
- 2. Measured by its ability to bind biotinylated recombinant human FCGRT+B2M in a functional ELISA.
- 3. Measured by its ability to bind biotinylated recombinant human LCK in a functional ELISA.

Purity

> 92 % as determined by SDS-PAGE

Endotoxin

 $< 1.0 \; \text{EU}$ 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

Gly 23

Molecular Mass

The recombinant Ferret CD8A consists of 175 amino acids and has a calculated molecular mass of 19.5 kDa. The apparent molecular mass of the recombinant protein is approximately 28-33 kDa in SDS-PAGE under reducing conditions due to glycosylation.

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

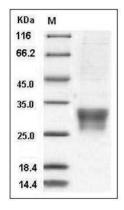
Storage

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



Ferret CD8A / CD8 alpha chain Protein (His Tag) SDS-PAGE