

Human CD8a / Lyt2 (His Tag) recombinant protein



Catalog Number: 500217

General Information

Gene Name Synonym

T-lymphocyte differentiation antigen T8/Leu-2

Protein Construction

A DNA sequence encoding the extracellular domain of human CD8A (NP_001759.3) (Met 1-Asp 182) was expressed with a C-terminal polyhistidine tag.

Organism

Human

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 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

Ser 22

Molecular Mass

The recombinant human CD8A consists of 172 amino acids and predicts a molecular mass of 19 kDa. As a result of glycosylation, rh CD8A migrates as an approximately 28 kDa band 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

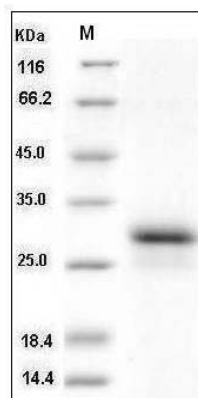
Storage

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



Human CD8A / MAL Protein (His Tag) SDS-PAGE