

General Information

Gene Name Synonym

T-lymphocyte differentiation antigen T8/Leu-2; CD antigen CD8a

Protein Construction

A DNA sequence encoding the extracellular domain of human CD8A (NP_001759.3) (Met1-Asp182) was expressed with a C-terminal polyhistidine tag. The purified protein was biotinylated in vitro.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg 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.

Formulation

Lyophilized from sterile PBS.

1. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.

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

Usage Guide

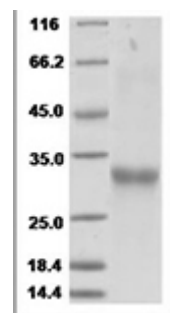
Storage

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

A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

SDS-PAGE



Human CD8/CD8 alpha/Leu-2 Protein 15480