

## General Information

### Gene Name Synonym

CD antigen CD8b

### Protein Construction

A DNA sequence encoding the extracellular domain of human CD8B (P10966-1) (Met1-Pro170) was expressed with six amino acids (LEVLFQ) at the C-terminus. 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  $\mu$ g 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

Leu 22

### Molecular Mass

The recombinant human CD8B comprises 156 amino acids and has a predicted molecular mass of 17.6 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

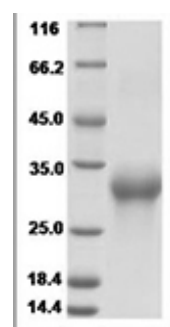
### Storage

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 CD8B / P37 / LEU2 Protein 15482