

# Human CD8B / P37 / LEU2 (Fc Tag) recombinant protein



Catalog Number: 502909

## General Information

### Protein Construction

A DNA sequence encoding the human CD8B isoform 1 (P10966-1) extracellular domain (Met 1-Pro 170) was fused with the Fc region of human IgG1 at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 93 % 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

Leu 22

### Molecular Mass

The recombinant human CD8B/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 390 amino acids and has a

predicted molecular mass of 44 kDa. The apparent molecular mass of the reduced monomer is approximately 50 kDa 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

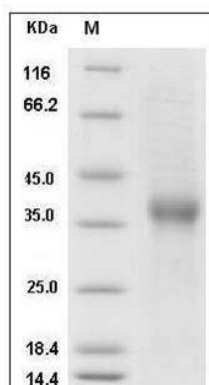
### Storage

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 CD8B / P37 / LEU2 Protein (Fc Tag) SDS-PAGE