

# Human CD160 (His Tag) recombinant protein



Catalog Number: 502034

## General Information

### Gene Name Synonym

Natural killer cell receptor BY55

### Protein Construction

A DNA sequence encoding the human CD160 (NP\_008984.1) (Met 1-Leu 158) without the propeptide was expressed, with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its ability to bind with biotinylated human HVEM-Fch (Cat:503619) in a functional ELISA.

### Purity

> 90 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Ile 27

## Molecular Mass

The recombinant human CD160 consists of 143 amino acids and has a predicted molecular mass of 16.4 kDa. In SDS-PAGE under reducing conditions, rh CD160 migrates as an approximately 25 kDa band 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

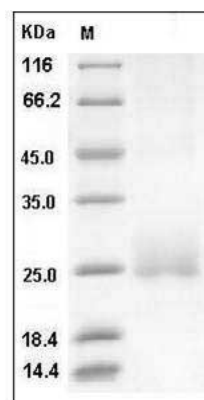
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . 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 CD160 Protein (His Tag) SDS-PAGE