

Datasheet for ABIN7274073

**CD160 Protein (CD160) (AA 25-158) (Fc Tag)****3** Images[Go to Product page](#)

## Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 100 µg                                      |
| Target:                       | CD160                                       |
| Protein Characteristics:      | AA 25-158                                   |
| Origin:                       | Human                                       |
| Source:                       | HEK-293 Cells                               |
| Protein Type:                 | Recombinant                                 |
| Purification tag / Conjugate: | This CD160 protein is labelled with Fc Tag. |

## Product Details

|                              |   |
|------------------------------|---|
| Purpose:                     | Human CD160 Protein   |
| Sequence:                    | Gly25-Leu158  |
| Characteristics:             | Recombinant Human CD160 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Gly25-Leu158.  |
| Purity:                      | > 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC   |
| Sterility:                   | 0.22 µm filtered  |
| Endotoxin Level:             | Less than 1EU per µg by the LAL method.   |
| Biological Activity Comment: | Immobilized Human HVEM, His Tag at 2µg/ml (100µl/Well) on the plate. Dose response curve for Human CD160, hFc Tag with the EC50 of 0.44µg/ml determined by ELISA. See testing image for detail. |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | CD160   |
| Alternative Name: | CD160 ( <a href="#">CD160 Products</a> )  |
| Background:       | CD160 (also Natural killer cell receptor BY55) is a 27 - 30 kDa member of the Ig superfamily. In human, it is expressed principally on nonmyeloid hematopoietic cells. CD160 antigen is a receptor on immune cells capable to deliver stimulatory or inhibitory signals that regulate cell activation and differentiation. Exists as a GPI-anchored and as a transmembrane form, each likely initiating distinct signaling pathways via phosphoinositol 3-kinase in activated NK cells and via LCK and CD247/CD3 zeta chain in activated T cells. |
| Molecular Weight: | 41.3 kDa. Due to glycosylation, the protein migrates to 50-60 kDa based on Tris-Bis PAGE result.  |

## Application Details

|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

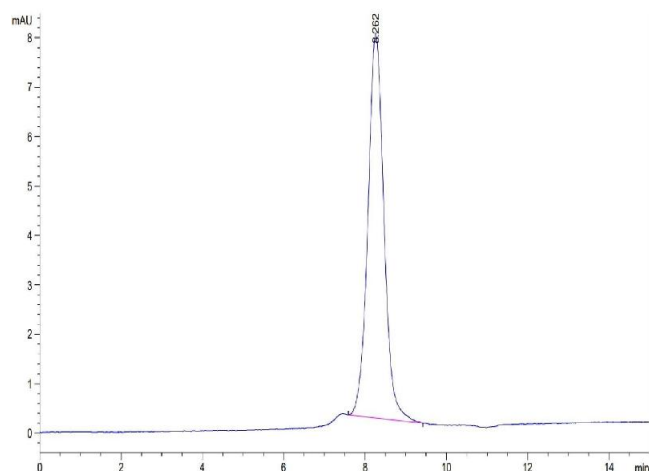
## Handling

|                  |  |
|------------------|--|
| Format:          | Lyophilized  |
| Reconstitution:  | Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.   |
| Buffer:          | Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.   |
| Storage:         | -20 °C,-80 °C  |
| Storage Comment: | -20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |
| Expiry Date:     | 12 months  |



#### SDS-PAGE

**Image 1.** Human CD160 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

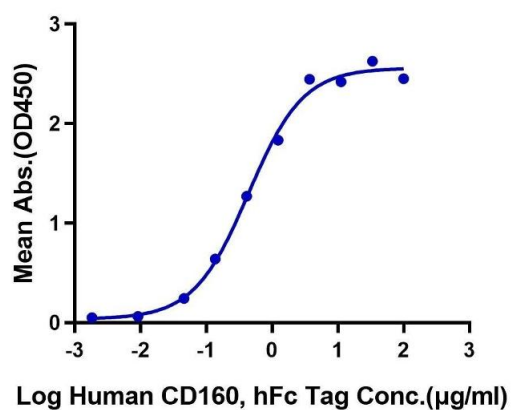


#### Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Human CD160 is greater than 95 % as determined by SEC-HPLC.

#### Human CD160, hFc Tag ELISA

0.2µg Human HVEM, His Tag Per Well



#### ELISA

**Image 3.** Immobilized Human HVEM, His Tag at 2 µg/mL (100 µL/Well) on the plate. Dose response curve for Human CD160, hFc Tag with the EC<sub>50</sub> of 0.44 µg/mL determined by ELISA.