# Recombinant Human BY55/CD160 Protein

## Catalog No.: RP00566

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## Sequence Information

**Species**
Human

**Gene ID**
11126

**Swiss Prot**
O95971

**Tags**
C-His

**Synonyms**
CD160,BY55,NK1,NK28

## Product Information

**Source**
HEK293 cells

**Purification**
≥ 90 % as determined by SDS-PAGE.

**Calculated MW**
15.64 kDa

**Observed MW**
20-25 kDa

**Endotoxin**
< 0.1 EU/μg of the protein by LAL method.

**Formulation**
Lyophilized from a 0.2 μm filtered solution of PBS,pH7.4.Contact us for customized product form or formulation.

**Reconstitution**
Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Background

CD160 antigen is a Lipid-anchor that exists as a disulfide-linked homomultimer. CD160 contains one Ig-like V-type domain. The human CD160 precursor is a cysteine-rich, glycosylphosphatidylinositol-anchored protein of181 amino acids with a single Ig-like domain. It is weakly homologous to KIR2DL4. CD160 is expressed in thespleen, peripheral blood, and small intestine. Its expression is tightly associated with peripheral blood NK cellsand CD8 T lymphocytes with cytolytic effector activity. CD160 is a receptor showing broad specificity for bothclassical and non-classical MHC class I molecules.

## Basic Information

**Description**
Recombinant Human CD160 Protein is produced by Human cells expression system. The target protein is expressed with sequence (Ile27-Ser159) of human CD160 (Accession #O95971) fused with a 6×His tag at the C-terminus.

**Activity**

**Shipping**
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

**Storage**
Store at -20℃

**Operational Notes**
For your safety and health, please wear a lab coat and disposable gloves for handling.

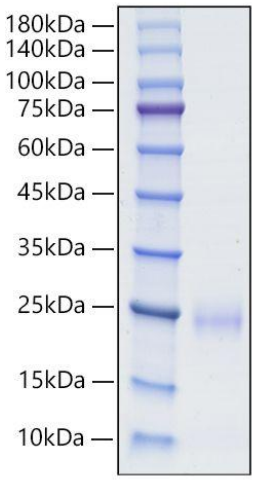
**Contact**

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn



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## Validation Data




Recombinant Human BY55/CD160 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.