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# Recombinant Human BY55/CD160 Protein

Catalog No.: RP00566 Recombinant

## **Sequence Information**

Species Gene ID Swiss Prot Human 11126 095971

Tags

C-His

**Synonyms** CD160;BY55;NK1;NK28

## **Product Information**

**Source** Purification HEK293 cells ≥ 90 % as

determined by SDS-

PAGE.

Calculated MW Observed MW

15.64 kDa 20-25 kDa

#### **Endotoxin**

< 0.1 EU/ $\mu g$  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.

### Contact

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## **Background**

CD160 antigen is a Lipid-anchor that exists as a disulfide-linked homomultimer. CD160 contains one lg-like V-type domain. The human CD160 precursor is a cysteine-rich, glycosylphosphatidylinositol-anchored protein of181 amino acids with a single lg-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 #095971) fused with a  $6\times$ His tag at the C-terminus.

#### **Bio-Activity**

#### Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

#### Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

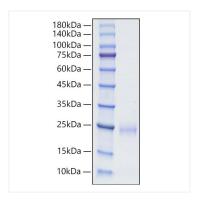
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

## **Operational Notes**

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

# **Validation Data**



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