

Human CellExp CD160/BY55, human recombinant protein
CD160, BY55, NK1, NK28
Catalog # PBV11009r**Specification**

Human CellExp CD160/BY55, human recombinant protein - Product infoPrimary Accession
Calculated MW[O95971](#)

This protein is fused with 6×His tag at the C-terminus, has a calculated MW of 15.6 kDa. The predicted N-terminus is Ile 27. DTT-reduced Protein migrates as 22-28 kDa due to glycosylation. KDa

Human CellExp CD160/BY55, human recombinant protein - Additional InfoGene ID
Gene Symbol
Other Names
CD160, BY55, NK1, NK28**11126**
CD160Gene Source
Source
Assay&Purity
Assay2&Purity2
Recombinant
Results

Human
HEK293 cells
SDS-PAGE; ≥95%
N/A;
Yes
Measured by its binding ability in a functional ELISA. Immobilized recombinant mouse HVEM Fc Chimera at 1 µg/ml, the concentration of rhCD160 that produces 50% of the optimal binding response is approximately 1.0-16 ng/ml.

Target/Specificity
CD160/BY55**Application Notes**

Centrifuge the vial prior to opening. Reconstitute in sterile PBS, pH 7.4 to a concentration of 50 µg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 month. For extended storage, it is recommended to store at -20°C.

Format
Lyophilized**Storage**

-20°C; Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Generally 5-8% Mannitol or trehalose is added as a protectant before lyophilization.

Human CellExp CD160/BY55, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Human CellExp CD160/BY55, human recombinant protein - Images

Human CellExp CD160/BY55, human recombinant protein - Background

CD160 antigen also known as natural killer cell receptor BY55, is a 27 kDa glycoprotein, contains 1 Ig-like V-type (immunoglobulin-like) domain. Its expression is tightly associated with peripheral blood NK cells and CD8 T lymphocytes with cytolytic effector activity. CD160 is expressed at the cell surface as a tightly disulfide-linked multimer. In tissues, CD160 is expressed on all intestinal intraepithelial lymphocytes. CD160 shows a broad specificity for binding to both classical and non-classical MHC class I molecules. When expressed on vascular endothelial cells, CD160 propagates anti-angiogenic signals and promotes apoptosis.

Human CellExp CD160/BY55, human recombinant protein - References

Anumanthan A., et al. J. Immunol. 161:2780-2790(1998).
Agrawal S., et al. J. Immunol. 162:1223-1226(1999).