

Recombinant Human CD160/BY55 Protein (Fc Tag)

Catalog No. PKSH033730

Note: Centrifuge before opening to ensure complete recovery of vial contents.

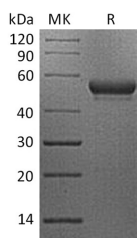
Description

| | |
|------------------------------------|--|
| Synonyms | CD160 Antigen; Natural Killer Cell Receptor BY55; CD160; BY55; NK1; NK28 |
| Species | Human |
| Expression Host | HEK293 Cells |
| Sequence | Ile27-Ser159 |
| Accession | O95971 |
| Calculated Molecular Weight | 42 kDa |
| Observed molecular weight | 50-60 kDa |
| Tag | C-Fc |
| Bioactivity | Not validated for activity |

Properties

| | |
|-----------------------|---|
| Purity | > 95 % as determined by reducing SDS-PAGE. |
| Endotoxin | < 1.0 EU per µg of the protein as determined by the LAL method. |
| Storage | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. |
| Shipping | This product is provided as lyophilized powder which is shipped with ice packs. |
| Formulation | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual. |
| Reconstitution | Please refer to the printed manual for detailed information. |

Data



> 95 % as determined by reducing SDS-PAGE.

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 of 181 amino

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acids with a single Ig-like domain. It is weakly homologous to KIR2DL4. CD160 is expressed in the spleen; peripheral blood; and small intestine. Its expression is tightly associated with peripheral blood NK cells and CD8 T lymphocytes with cytolytic effector activity. CD160 is a receptor showing broad specificity for both classical and non-classical MHC class I molecules.