

Recombinant Human CD160/BY55 Protein (aa 27-159, His Tag)

Catalog Number: PKSH032204

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

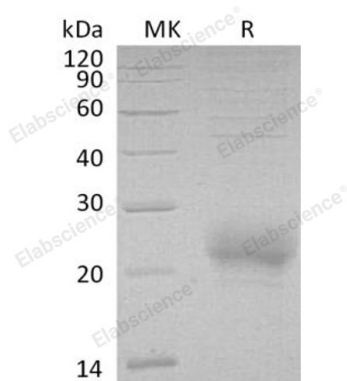
Description

Species	Human
Source	HEK293 Cells-derived Human CD160/BY55 protein Ile27-Ser159, with an C-terminal His
Calculated MW	15.8 kDa
Observed MW	20-30 kDa
Accession	O95971
Bio-activity	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 20mM PB, 150mM NaCl, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 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 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.

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