

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

Catalog No. PKSH032204

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

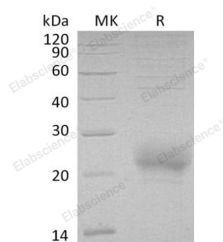
Description

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	15.8 kDa
Observed molecular weight	20-30 kDa
Tag	C-His
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 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

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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.