CD160/NK receptor BY55

Catalog Number:E21-A35

Amount:10ug

Alternname:CD160 Antigen; Natural Killer Cell Receptor BY55; CD160; BY55

Storage/Stability: Lyophilized protein should be stored at < -20°C. Aliquots of reconstituted samples are stable at -20°C for 1 year.

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.

Species: Human

Reconstitution: Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

It is not recommended to reconstitute to a concentration less than 100 µg/ml.

Dissolve the lyophilized protein in ddH2O.

Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Purity: Greater than 90% as determined by reducing SDS-PAGE.

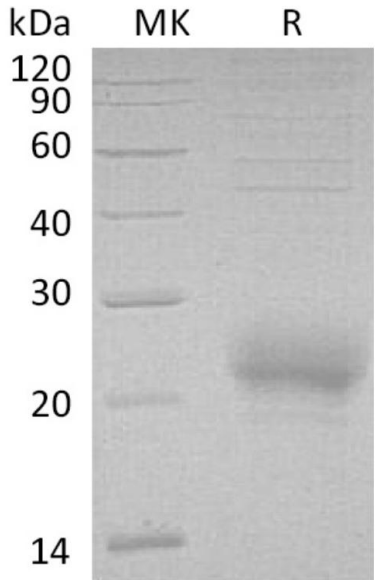
Description: Recombinant Human CD160 is produced by our Mammalian expression system and the target gene encoding Ile27-Ser159 is expressed with a 6His tag at the C-terminus.

Product State: Lyophilized

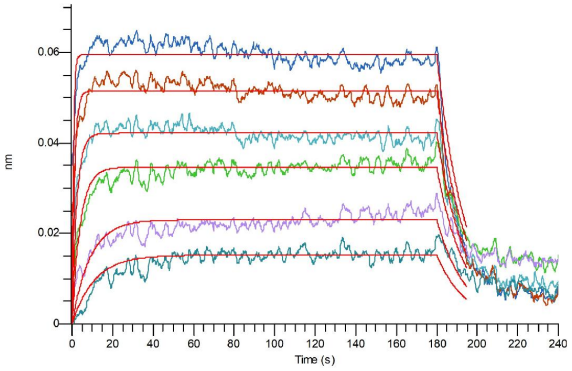
Ship Description: The product is shipped at ambient temperature.

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.

Expression system: Human cells



Greater than 95% as determined by reducing SDS-PAGE. (QC verified)



Loaded Recombinant Mouse HVEM on Pro-A Biosensor, can bind Recombinant Human CD160 (C-6His) with an affinity constant of 6.20 μM as determined in BLI assay. (Regularly tested)

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