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Datasheet for ABIN7519749
CD160 Protein (CD160) (His tag)

Overview

Quantity:	100 µg
Target:	CD160
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD160 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse BY55/CD160 Protein
Sequence:	GCIHVTSSAS QKGGRLDLC TLWHKKDEAE GLILFWCKDN PWNCSPELNL EQLRVKRDPE TDGITEKSSQ LVFTIEQATP SDSGTYQCCA RSQKPEIYIH GHFLSVLVTG NHTEIRQRQR SHPDFSHING TLS
Specificity:	Gly28-Ser160
Purity:	> 97 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	<1EU/µg

Target Details

Target:	CD160
Alternative Name:	BY55/CD160 (CD160 Products)

Target Details

Background: Description: 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.

Name: CD160 Antigen, Natural Killer Cell Receptor BY55, CD160, BY55, CD160

Gene ID: 54215

UniProt: [O88875](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize freeze-thaw cycles.

Buffer: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Storage: -20 °C, -80 °C

Storage Comment: Store the lyophilized protein at -20°C to -80°C for 12 months. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.