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32-13128: CD160 Human

Alternative Name :	CD160 Molecule, CD160 Antigen, Natural Killer Cell Receptor BY55, BY55, Natural Killer Cell Receptor, Immunoglobulin Superfamily Member , CD160 Transmembrane Isoform, CD160-Delta Ig, NK28, NK1, CD160.

Description

Source: Sf9, Baculovirus cells.
Sterile filtered colorless solution.
CD160 antigen (CD160) is a human natural killer (NK)-cell-activating receptor which is also expressed on T-cell subsets. CD160 is a tumor-specific antigen known to mediate cellular activation signals in CLL, and is a novel target for therapeutic manipulation and monitoring of minimal residual disease. CD160 was identified as a T cell coinhibitory molecule which interacts with the herpesvirus entry mediator (HVEM) on antigen-presenting cells to deliver a potent inhibitory signal to CD4(+) T cells. CD160 expression is strongly associated with peripheral blood NK cells and CD8 T lymphocytes with cytolytic effector activity. CD160 is expressed on all intestinal intraepithelial lymphocytes. CD160 has a broad specificity for binding to both classical and nonclassical MHC class I molecules.
CD160 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 142 amino acids (27-159a.a.) and having a molecular mass of 15.9kDa (Molecular size on SDS-PAGE will appear at approximately 18-28kDa). CD160 is expressed with a 6 amino acids His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	CD160 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	ADLINITSSA SQEGTRLNLI CTVWHKKEEA EGFVVFLCKD RSGDCSPETS LKQLRLKRDP GIDGVGEISS QLMFTISQVT PLHSGTYQCC ARSQKSGIRL QGHFFSILFT ETGNYTVTGL KQRQHLEFSH NEGTLSHHHH HH.