Recombinant Rhesus macaque CD160 Protein (Fc Tag)

Catalog Number: PKSQ050081

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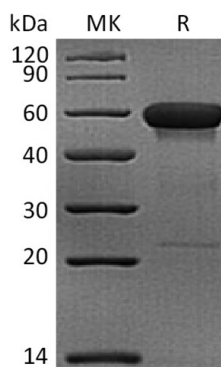
Description

Species	Rhesus macaque
Mol_Mass	45 kDa
Accession	G7MG20
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 ℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at ＜-20℃ 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 PBS, 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 cell membrane protein which contains one Ig-likeV-type (immunoglobulin-like) domain. CD160 is a GP I-anchored lymphocyte surface receptor in which expression is mostly restricted to the highly cytotoxic CD56(dim) CD1 6(+)peripheral blood NK subset. CD160 is a receptor showing broad specificity for both classical and non-classical MHC class I molecules. CD160 is expressed in spleen,peripheral blood,and small intestine. Expression of CD160 is restricted to functional NK and T cytotoxic lymphocytes. CD160 acts as a co-activator receptor for CD3-induced proliferation of CD4 + CD160+ T cells isolated from inflammatory skin lesions. Activated NK lymphocytes release a soluble form of CD160 that functionally impairs the MHC-I-specific cytotoxic CD8(+) T lymphocyte responsiveness.

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