

32-8996: Recombinant Mouse CD160 (C-6His)

Gene : Cd160
Uniprot ID : Q8VC80

Description

Source: Human Cells.
MW :15.8kD.

Recombinant Mouse CD160 Antigen is produced by our Mammalian expression system and the target gene encoding Gly28-Ser160 is expressed with a 6His tag at the C-terminus. CD160 antigen is a cell membrane protein which contains one Ig-likeV-type (immunoglobulin-like) domain. CD160 is a GPI-anchored lymphocyte surface receptor in which expression is mostly restricted to the highly cytotoxic CD56(dim) CD16(+) 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.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : GCIHVTSSASQKGGRLDLTCTLWHKKDEAEGILFWCKDNPWNCSPETSLEQLRVKRDPEFDGITEKSSQLVFTIEQATPSDSGTYQCCARSQKPEIYIHGHFSLVLTGNHTEIRQRQRSHPDFSHINGTLSHHHHHH

Application Note

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