

32-8936: Recombinant Mouse SLAM Family Member 2/CD48(C-6His)

Gene : Cd48
Uniprot ID : Q18PH8

Description

Source: Human cells.
MW :23.1kD.

Recombinant Mouse SLAM Family Member 2 is produced by our Mammalian expression system and the target gene encoding Phe23-Arg216 is expressed fused with a 6His tag at the C-terminus. CD48 is a GPI-linked protein in the CD2 family of immunoglobulin superfamily proteins. CD48 is expressed on most lineage-committed hematopoietic cells but not on hematopoietic stem cells or multipotent hematopoietic progenitors. Among dendritic cells (DC), CD48 is selectively expressed on circulating myeloid DC and resident bone marrow and thymus DC. CD2, 2B4, and heparan sulfate function as CD48 ligands. CD48 is competent to transduce signals and can also trigger signaling through CD2 or 2B4. CD48 expressed on NK cells is coactivating, whereas CD48 expressed on other cell types inhibits NK cell activation.

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 : FQGHSDINATTGNSVTLKIHKDPKPYKRITWLHTKNQKILEYNYNSTKTIFESEFKGRVYLEENDGALHISNVR
KEDKGTYYMRVLRRETELKITLEVDFPVKPSIEINKTEASTDSCHLRLSCEVKDQHVDYTWYESSGPFPPKSP
GYVLDLIVTPQNKSTFYTCQVSNPVSSKNDTVYFTLPCDLARHHHHHH

Application Note

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