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32-8907: Recombinant Mouse SLAM/CD150 (C-6His)

Gene : Slamf1
Gene ID : 27218
Uniprot ID : Q9QUM4

Description

Source: Human Cells.
MW :25.2kD.
Recombinant Mouse Signaling Lymphocytic Activation Molecule is produced by our Mammalian expression system and the target gene encoding Thr25-Pro242 is expressed with a 6His tag at the C-terminus. Signaling lymphocyte activation molecule (SLAM), is a self-ligand glycoprotein which exists not only found on the surface of activated and memory T cells, but also on the surface of activated B cells, dendritic cells, and macrophages. SLAM consists of a extracellular domain (ECD) with two Ig-like domains,transmembrane segment, and cytoplasmic domain with three immunoreceptor tyrosine switch motifs (ITSM). SLAM is thought to play an important role in adhesion between T cells and APCs and has been shown to act as a coreceptor in TCR-dependent responses. SLAM, together with CD46, is one of the two receptors for measles virus. SLAM is a cell surface receptor that, like the B cell receptor, CD40, and CD95, can transmit positive or negative signals. SLAM can associate with the SH2-containing inositol phosphatase (SHIP), the SH2-containing protein tyrosine phosphatase (SHP-2), and the adaptor protein SH2 domain protein 1A. It's upregulated on activated B cells and CD4+ and CD8+ T cells, but downregulated on Th2 polarized cells. Also, it can Inhibits antigen receptor-mediated production of IFN-gamma, but not IL-2, in CD4-/CD8- T-cells

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 :	TGGGVMDCPVILQKLGQDTWLPLTNEHQINKSVNKSVRILVTMATSPGSKSNKKIVSFDLSKGSYP DHLEDGYHFQSKNLSLKILGNRRESEGWYLVSVEENVSVQQFCKQLKLYEQVSPPEIKVLNKTQEN ENGTCSLLLACTVKKGDHVTYSWSDEAGTHLLSRANRSHLLHITLSNQHQDSIYNCTASNPVSSISR TFNLSSQACKQESSSESSPVDHHHHHH

Application Note

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

For Research Use Only. Not for use in diagnostic/therapeutics procedures.