

32-13288: LAIR1 Mouse

Alternative Name : Leukocyte-associated immunoglobulin-like receptor 1, LAIR-1, mLAIR1, CD305, LAIR1.

Description

Source: Sf9, Baculovirus cells.

Sterile filtered colorless solution.

LAIR1 is a glycoprotein expressed on the surface of the majority of human peripheral blood mononuclear leukocytes including T cells, B cells, NK cells, macrophages and dendritic cells. LAIR-1 functions as an inhibitory receptor in NK cells, T cells and B cells. Inhibitory receptors control the immune response to prevent lysis of cells recognized as self. LAIR1 consists of a leader sequence, extracellular domain, transmembrane domain, cytoplasmic region.

LAIR1 Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 132 amino acids (22-144 aa) and having a molecular mass of 15kDa (Migrates at 18-28kDa on SDS-PAGE under reducing conditions). LAIR1 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 90.0% as determined by SDS-PAGE.

Content : LAIR1 protein solution (0.5mg/ml) contains Phosphate buffered saline (pH7.4) 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 : ADPQEGSLPD ITIFPNSSLM ISQGFVTVV CSYSDKHDLY NMVRLEKDGS TFMEKSTEPY KTEDEFEIGP VNETITGHYS CIYSGITWS ERSKTLELV IKENVIQTPA PGPTSDTSWL KTYSIYHHHH HH