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32-7517: Recombinant Human Leukocyte Mono Ig-Like Receptor 1/LMIR1/CD300a (C-6His)

Gene : CD300A
Gene ID : 11314
Uniprot ID : Q9UGN4

Description

Source: Human Cells.
MW :18.48kD.
Recombinant Human LMIR1 is produced by our Mammalian expression system and the target gene encoding Leu18-Gln178 is expressed with a 6His tag at the C-terminus. CD300A is a single-pass type I membrane protein that belongs to the CD300 family. CD300A consists of a 163 amino acid (aa) extracellular domain (ECD) with one Ig-like V- type domain, a 21 amino acid transmembrane segment, and a 98 amino acid cytoplasmic domain with tyrosine residues. CD300A is expressed not only by natural killer (NK) cells but also by T-cell subsets, B-cells, dendritic cells, mast cells, granulocytes and monocytes. CD300A is an inhibitory receptor which may contribute to the down-regulation of cytolytic activity in natural killer (NK) cells, and to the down-regulation of mast cell degranulation.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
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 :	LSKCRTVAGPVGGSLSVQCPYEKEHRTLNKYWCRPPQIFLCDKIVETKGSAGKRNGRVSIRDSPANLSFTVTLE NLTEEDAGTYWCGVDTPWLRDFHDPVVEVEVSVFPASTSMTPASITAAKTSTITTAFPPVSSTTLFAVGATHSA SIQEETEEVVNSQVDHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ÃÂµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.