

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

Cat.NO.: TP05469

3th Edition

Synonyms:CMRF35-Like Molecule 8; CLM-8; CD300 Antigen-Like Family Member A; CMRF-35-H9; CMRF35-H9; CMRF35-H; IRC1/IRC2; Immunoglobulin Superfamily Member 12; IgSF12; Inhibitory Receptor Protein 60; IRp60; NK Inhibitory Receptor; CD300a; CD300A; CMRF35H; IGSF12

Description: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.

Form:PBS

Molecular Weight:18.5 kDa

Sequences:Leu18-Gln178

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.