

## 32-9690: Recombinant Human Leukocyte Mono Ig-Like Receptor 1/LMIR1/CD300a (C-Fc-6His)

**Alternative Name :** CMRF35-like molecule 8, CD300 antigen-like family member A, CMRF-35-H9, CMRF35-H, IRC1/IRC2, Immunoglobulin superfamily member 12, Inhibitory receptor protein 60, NK inhibitory receptor

### Description

Source : Human Cells;

CD300A is a single-pass type I membrane protein which belongs to the CD300 family. It contains 1 Ig-like V-type (immunoglobulin-like) domain. The CD300 family of myeloid immunoglobulin receptors includes activating (CD300b, CD300e) and inhibitory members (CD300a, CD300f), as well as molecules presenting a negative charge within their transmembrane domain (CD300c, CD300d). It 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. CD300c is a functional immune receptor able to deliver activating signals upon ligation in RBL-2H3 mast cells.

### Product Info

**Amount :** 500 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM Tris, 150mM NaCl, 5% Trehalose, pH 8.0.

**Amino Acid :** Recombinant Human LMIR1 is produced by our Mammalian expression system and the target gene encoding Leu18-Gln178 is expressed with a Fc, 6His tag at the C-terminus.