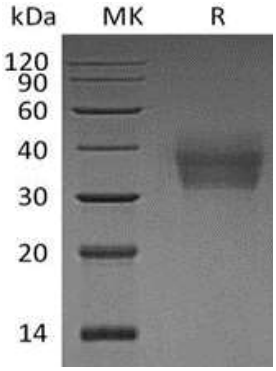
Recombinant Human LMIR2 (C-6His)

Catalog No: C443

Description	Recombinant Human Leukocyte Mono Ig-like Receptor 2 is produced by our Mammalian expression system and the target gene encoding Gly21-Arg183 is expressed with a 6His tag at the C-terminus.
Source	Human Cells
Alternative name	CMRF35-Like Molecule 6; CLM-6; CD300 Antigen-Like Family Member C; CMRF35-A1; CMRF- 35; Immunoglobulin Superfamily Member 16; IgSF16; CD300c; CD300C; CMRF35; CMRF35A; CMRF35A1; IGSF16
Accession No.	Q08708
Predicted Molecular Weight	18.89kDa
AP Molecular Weight	40kDa, reducing conditions.
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Quality Control	Purity: Greater than 95% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Storage	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.
Background	CD300C is a single-pass type I membrane protein which belongs to the immunoregulatory signaling (IRS) family. CD300C contains one Ig-like V-type domain and is present on the surface of natural killer cells, granulocytes, most myeloid cells, dendritic cells, and a subpopulation of T and B lymphocytes. The CD300C (CMRF-35A) and CD300A (CMRF-35H) molecules are homologous leukocyte surface proteins. CD300a and CD300C play an important role in the cross-regulation of TNF-alpha and IFN-alpha secretion from pDCs. CD300A and CD300C are indistinguishable on the surface of NK cells. The ligand for CD300C is presently unknown.

SDS-Page



MK: Marker

R: Sample under reducing conditions