

Product Name: Recombinant Human LMIR2 (C-Fc)
Catalog #: PHH0325

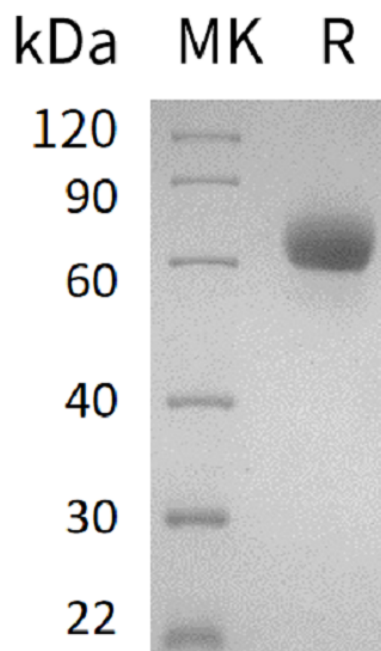


Summary

Name	CD300C/CMRF35-like molecule 6/CMRF35/IGSF16
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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 human IgG1 Fc tag at the C-terminus.
Accession #	Q08708
Host	Human Cells
Species	Human
Predicted Molecular Mass	44.9 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, pH7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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Alternative Names

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

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.

Note

For Research Use Only , Not for Diagnostic Use.