

CD300C, 29-183aa, Human, His-tag, Baculovirus

Cat.NO.: TP01501

3th Edition

Synonyms:CMRF35-like molecule 6, CD300C, CLM-6, CMRF-35, CMRF-35A, CMRF35, CMRF35-A1, CMRF35A, CMRF35A1, IGSF16, LIR

Description:CD300C, also known as CMRF35-like molecule 6, is a type I transmembrane glycoprotein that belongs to the immune regulatory signaling (IRS) family of molecules within the immunoglobulin (Ig) superfamily. It is present on the surface of natural killer cells, granulocytes, most myeloid cells, dendritic cells, and a subpopulation of T and B lymphocytes. This protein regulates a diverse array of cell processes via their triggering and inhibitory receptor functions. Recombinant human CD300c protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:18.0kDa (163aa)28-40KDa (SDS-PAGE under reducing conditions.)

Sequences:

MTVAGPVGGSLSVQCRYEKEHRTLNKFWCRPPQILRCDKIVETKGSAGKRNGRVSIRDSPANLSFTVTLENLTEED
AGTYWCGVDTPWLRDFHDPIVEVEVSVFPAGTTTASSPQSSMGTS GPPTKLPVHTWPSVTRKDSPEPSPHPGSLF
SNVRLEHHHHHH

Purity:> 95% by HPLC

Concentration:0.25mg/ml (determined by Absorbance at 280nm)

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.