Datasheet for ABIN6387981

CD300c Protein (CD300C) (AA 29-183) (His tag)

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Overview

Quantity:	50 µg
Target:	CD300c (CD300C)
Protein Characteristics:	AA 29-183
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD300c protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MTVAGPVGGS LSVQCRYEKE HRTLNKFWCR PPQILRCDKI VETKGSAGKR NGRVSIRDSP ANLSFTVTLE NLTEEDAGTY WCGVDTPWLR DFHDPIVEVE VSVFPAGTTT ASSPQSSMGT SGPPTKLPVH TWPSVTRKDS PEPSPHPGSL FSNVRLEHHH HHH
Purity:	> 95 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target:	CD300c (CD300C)
Alternative Name:	CD300C (CD300C Products)
Background:	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

Target Details

	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.
Molecular Weight:	18.0kDa (163aa) 28-40KDa (SDS-PAGE under reducing conditions.)
NCBI Accession:	NP_006669
UniProt:	Q08708

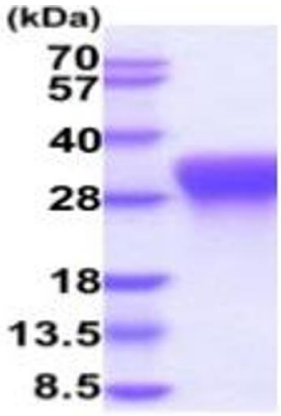
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Images



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.