

[Go to Product page](#)

Datasheet for ABIN7504263

CD300c Protein (CD300C) (AA 21-183) (His tag)

Overview

Quantity:	100 µg
Target:	CD300c (CD300C)
Protein Characteristics:	AA 21-183
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD300c protein is labelled with His tag.

Product Details

Purpose:	Human CD300c/LMIR2 Protein
Sequence:	Gly21-Arg183
Characteristics:	Recombinant Human CD300c/LMIR2 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gly21-Arg183.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

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

Target Details

Background:	CMRF35-like molecule-1 (CLM-1, also named CD300c) belongs to a receptor family mainly expressed in myeloid cells that include activating and inhibitory receptors. CLM-1 contains two ITIMs and a single immunoreceptor tyrosine-based switch motif (ITSM), although also displays a binding site for p85 α regulatory subunit of PI3K.
Molecular Weight:	18.94 kDa. Due to glycosylation, the protein migrates to 38-53 kDa based on Tris-Bis PAGE result.
UniProt:	Q08708

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μ g/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22 μ m filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months