

## Active Recombinant Human CD300C Protein, Fc-Tagged

Cat. No. CD300C-02H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Mouse myeloma cell line, NS0-derived Recombinant Human CD300C Protein, Fc-Tagged
<b>Species</b>	Human
<b>Source</b>	NS0
<b>Description</b>	The CMRF35 antigen, which was identified by reactivity with a monoclonal antibody, is present on monocytes, neutrophils, and some T and B lymphocytes
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	<p>Measured by its ability to inhibit anti-CD3-induced proliferation of stimulated human T cells. Human T lymphocytes cultured for 72 hours with PHA were incubated for an additional 3 days in 96 well plates coated with 500 ng/mL anti-CD3 and Recombinant Human CD300c Fc Chimera.</p> <p>The ED50 for this effect is 4-16 µg/mL.</p> <p>Optimal dilutions should be determined by each laboratory for each application.</p>
<b>Molecular Mass</b>	43.5 kDa (monomer)
<b>N-terminal Sequence Analysis</b>	Met29
<b>Endotoxin</b>	<1.0 EU per 1 µg of the protein by the LAL method.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Purity</b>	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 3 months, -20 to -70 °C under sterile conditions after reconstitution.
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS.
<b>Reconstitution</b>	Reconstitute at 100 µg/mL in sterile PBS.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

## GENE INFORMATION

<b>Gene Name</b>	CD300C CD300c molecule [ Homo sapiens (human) ]
<b>Official Symbol</b>	CD300C
<b>Synonyms</b>	CD300c; CLM6; CLM-6; CMRF35; IGSF16
<b>Gene ID</b>	10871
<b>mRNA Refseq</b>	NM_006678.5
<b>Protein Refseq</b>	NP_006669.1
<b>MIM</b>	606786
<b>UniProt ID</b>	Q08708

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