## For Research Use Only Recombinant Human CD200R1 protein (hFc Tag, Myc Tag, His Tag)



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## Catalog Number: Eg0032

Basic Information	<mark>Species:</mark> Human	Purity: >95 %, SDS-PAGE	<b>Tag:</b> hFc Tag, Myc Tag, His Tag
	EC50: 3-10 ng/mL		
Technical Specifications	Purity: >95 %, SDS-PAGE		
	<mark>Endotoxin Level:</mark> <0.1 EU/ μ g protein, LAL method		
	Source: HEK293-derived Human CD200R1 protein Ala27-Leu266 (Accession# NP_620161.1) with a human IgG1 Fc tag, a Myc tag, a His tag at the C-terminus.		
	GenelD: 131450		
	Accession: NP_620161.1 Predicted Molecular Mass: 55.3 kDa		
	<b>Formulation:</b> Lyophilized from 0.22 μ m filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.		
	<b>Biological Activity</b>	Immobilized Human CD20 Myc tag, His tag) with a lin	D0 (Myc tag, His tag) at 2 μg/mL (100 μL/w ear range of 3-10 ng/mL.
Storage and Shipping	Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
	<ul> <li>Until expiry date, -20°C to -80°C as lyophilized proteins.</li> <li>3 months, -20°C to -80°C under sterile conditions after reconstitution.</li> </ul>		
	Shipping: The product is shipped at temperature.	ambient temperature. Upon receipt, store	e it immediately at the recommended
Reconstitution	Briefly centrifuge the tub	e before opening. Reconstitute at 0.1-0.5	mg/mL in sterile water.
Background	CD200R1 encodes a recep glycoprotein expressed o CD200R1 interacts with C regulate myeloid cell fun myeloid function in a tiss including neurons, epithe regulation of CD200R1 si tyrosines in the CD200R1 CD200R1 or CD200.	ptor for the OX-2 membrane glycoprotein, on the surface of myeloid cells; it can also D200, which is also an Ig superfamily tran. ctions. Mouse studies of a related gene su ue-specific manner. CD200 is expressed c elial cells, endothelial cells, fibroblasts, lyr gnaling can occur by posttranslational mo cytoplasmic tail—or by the inducible exp	, an Ig superfamily transmembrane be induced in certain T-cell subsets. smembrane glycoprotein, to down uggest that this interaction may control on the surface of a variety of cells mphoid cells, and astrocytes. The dification—namely, phosphorylation of ression or downregulation of either
References	4 Time and a 144 at 146		
	1. Timmerman LM., et al. (2 2. Lin S., et al. (2020) Eur J 3. Blom LH, et al. (2017) Al 4. Fraser SD., et al. (2016) 5 5. Sun H., et al. (2016) Imm 6. Caserta S., et al. (2012) F 7. Wright GJ., et al. (2000)	llergy. 72(7):1081-1090. Sci Rep. 8;6:38689. Junol Lett. 178:105-13. LoS One. 7(4):e35466.	
Synonyms	CD200R, CD200R1, CD200	receptor 1, CRTR2, HCRTR2	

## Selected Validation Data





Purity of Recombinant Human CD200R1 was<br/>determined by SDS-PAGE. The protein was resolved<br/>in an SDS-PAGE in reducing (R) and non-reducing<br/>(NR) conditions and stained using Coomassie blue.Immobilized Human CD200 (Myc tag, His tag) at 2<br/> $\mu$  g/mL (100  $\mu$  L/well) can bind Human CD200R1<br/>(hFc tag, Myc tag, His tag) with a linear range of 3-<br/>10 ng/mL

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.