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CD200R1 Protein (His tag,Fc Tag)



Image



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Quantity:	100 μg
Target:	CD200R1
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CD200R1 protein is labelled with His tag,Fc Tag.

Product Details

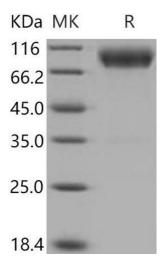
Purpose:	Recombinant Mouse CD200R1 Protein (His & Fc Tag)(Active)	
Sequence:	Met 1-Pro 238	
Characteristics:	A DNA sequence encoding the extracellular domain (Met 1-Pro 238) of mouse CD200R1 (NP_067300.1) was fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.	
Purity:	> 97 % as determined by SDS-PAGE	
Endotoxin Level:	$<$ 1.0 EU per μg of the protein as determined by the LAL method.	
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized recombinant mouse CD200 at 1 µg/ml (100 µl/well) can bind mouse CD200R1/Fc with a linear range of 1.5-200 ng/ml.	

Target Details

Target:	CD200R1

Target Details

Alternative Name:	CD200R1 (CD200R1 Products)	
Background:	Background: The cluster of differentiation (CD) system is commonly used as cell markers in	
	immunophynotyping. Different kinds of cells in the immune system can be identified through	
	the surface CD molecules which associating with the immune function of the cell. There are	
	more than 320 CD unique clusters and subclusters have been identified. Some of the CD	
	molecules serve as receptors or ligands important to the cell through initiating a signal cascad	
	which then alter the behavior of the cell. Some CD proteins do not take part in cell signal	
	process but have other functions such as cell adhesion. Cell surface glycoprotein CD200	
	receptor 1 (CD200R1) is an isoform of CD200 receptors which is expressed on cells of the	
	myeloid lineage. CD200R1 is a receptor for the OX-2 membrane glycoprotein. The receptor-	
	substrate interaction may serve as a myeloid downregulatory signal.Immune	
	Checkpoint Immunotherapy Cancer Immunotherapy Targeted Therapy	
	Synonym: CD200R;Mox2r;OX2R	
Molecular Weight:	51.3 kDa	
NCBI Accession:	NP_067300	
Application Details		
Restrictions:	For Research Use only	
Handling		
Format:	Lyophilized	
Reconstitution:	Please refer to the printed manual for detailed information.	
Buffer:	Lyophilized from sterile PBS, pH 7.4	
Storage:	4 °C,-20 °C,-80 °C	
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.	
	Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.	



Western Blotting

Image 1.