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Datasheet for ABIN7320364
CD200R1 Protein (His tag)

1 Image

Overview

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.

Product Details

Purpose:	Recombinant Mouse CD200R1 Protein (His 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 expressed, with a C-terminal polyhistidine tag.
Purity:	> 90 % 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 ability to bind mouse CD200 in a functional ELISA.

Target Details

Target:	CD200R1
Alternative Name:	CD200R1 (CD200R1 Products)

Target Details

Background: Background: The cluster of differentiation (CD) system is commonly used as cell markers in immunophenotyping. 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 cascade 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: 24.6 kDa

NCBI Accession: [NP_067300](#)

Application Details

Restrictions: For Research Use only

Handling

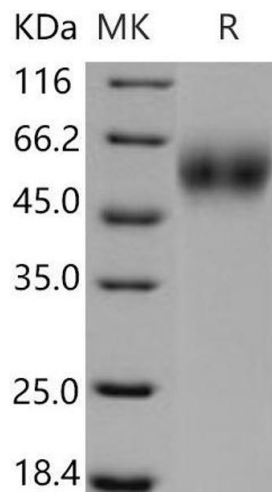
Format: Lyophilized

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.