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37-1279: Human CD200R1 Recombinant Protein (His & Fc Tag)(Discontinued)

Reactivity : Human
Alternative Name : CD200R Protein, HCRTR2 Protein, MOX2R Protein, OX2R Protein,

Description

Source : HEK293 Cells
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 32 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 CD2 receptor 1 (CD2R1) is an isoform of CD2 receptors which is expressed on cells of the myeloid lineage. CD2R1 is a receptor for the OX-2 membrane glycoprotein. The receptor-substrate interaction may serve as a myeloid downregulatory signal. Cancer Immunotherapy Immune Checkpoint Immunotherapy Targeted Therapy

Product Info

Amount :	Human CD200R1 Recombinant Protein (His & Fc Tag)(Discontinued) / 100 µg
Purification :	> 94 % as determined by SDS-PAGE
Content :	Formulation Lyophilized from sterile PBS, pH 7.4 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Storage condition :	Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Amino Acid :	Met1-Leu266

Application Note

Measured by its binding ability in a functional ELISA . Immobilized recombinant human CD200 at 1 Ã‚µg/ml (100ul/well) can bind human CD200R1 / Fc Chimera with a linear range of 0.12-16 ng/ml .
Endotoxin :< 1.0 EU per Ã‚µg of the protein as determined by the LAL method

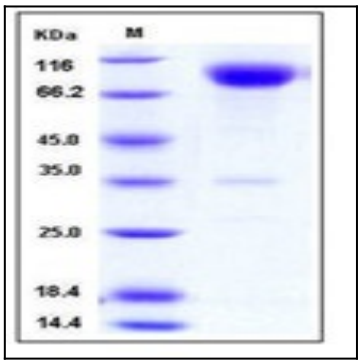

Fig 1: Human CD200R1 Recombinant Protein (His & Fc Tag)