

CD200 R1

Catalog # PVGS1637

Product Information

Primary Accession Species	Q8TD46 Human
Sequence	Ala27-Leu266
Purity	> 95% as analyzed by SDS-PAGE
Endotoxin Level	≤ 1 EU/ µg of protein by LAL method
Expression System	Human Cells
Formulation	Lyophilized from a 0.2 µm filtered solution in 20 mM PB, 150 mM NaCl, pH 7.4.
Reconstitution	It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in distilled water up to 100 µg/ml.
Storage & Stability	Upon receiving, this product remains stable for up to 6 months at -70°C or -20°C. Upon reconstitution, the product should be stable for up to 1 week at 4-7°C and up to 3 months at -20 °C or below. Avoid repeated freeze-thaw cycles.

Additional Information

Other Names	Cell surface glycoprotein CD200 receptor 1, CD200 cell surface glycoprotein receptor, Cell surface glycoprotein OX2 receptor 1, CD200R1, CD200R, CRTR2, MOX2R, OX2R
Target Background	Cell surface glycoprotein CD200 Receptor 1 (CD200R1) is the receptor for the CD200 (OX-2) membrane glycoprotein. CD200R1 contains one C2- type Ig-like domain and one V-type Ig-like domain within its extracellular domain and a PTB-signaling motif in cytoplasmic domain. CD200R1 and CD200 associate via their respective N-terminal Ig-like domains. CD200R1 is restricted primarily to mast cells, basophils, macrophages, and dendritic cells. It propagates inhibitory signals despite its lacking a cytoplasmic ITIM (immunoreceptor tyrosinebased inhibitory motif). The receptor-substrate interaction may function as a myeloid downregulatory signal.

Protein Information

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.