

Recombinant Human CD200R1(C-His)

Catalog No: BP005

Description	Recombinant Human CD200R1 is produced by human 293 cells. The target gene encoding Met29-Leu243 is expressed with a 6His tag at the C-terminus.
Expression System	Human cells
Alternative name	Cell surface glycoprotein CD200 receptor 1; CD200 cell surface glycoprotein receptor; Cell surface glycoprotein OX2 receptor 1; CD200R, CRTR2, MOX2R, OX2R
Accession No.	Q8TD46
Predicted Molecular Weight	28kDa
Apparent Molecular Weight	35-66kDa, reducing conditions.
Quality Control	Purity: greater than 95% as determined by reducing SDS-PAGE. Endotoxin: less than 0.1 ng/µg (1 EU/µg) as determined by TAL test.
Formulation	20mM PB, 150mM NaCl, pH 7.4.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Storage	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Background	Cell surface glycoprotein CD200 receptor 1 (CD200R1) is a transmembrane protein that belongs to the immunoglobulin superfamily. CD200R1 is the inhibitory receptor for CD200 (OX-2) and is expressed in myeloid cells and CD4+ T-cells. The activation of CD200R1 regulates the expression of pro-inflammatory molecules including TNF-alpha, interferons, and inducible nitric oxide synthase (iNOS) in response to selected stimuli and thus limit the inflammation.

