

Recombinant Human CD200 Receptor 1/CD200R1 Protein(C-Fc)

Cat.NO.: TP06184

3th Edition

Synonyms:Cell Surface Glycoprotein CD200 Receptor 1; CD200 Cell Surface Glycoprotein Receptor; Cell Surface Glycoprotein OX2 Receptor 1; CD200R1; CD200R; CRTR2; MOX2R; OX2R

Description: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.

Form:PBS

Molecular Weight:53.9 kDa

Sequences:Ala27-Leu266

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.