

Product datasheet for **TP727943**

CD200R (CD200R1) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human CD200 Receptor 1/CD200R1 (C-Fc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ala27-Leu266
Tag:	C-Fc
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Note:	Recombinant Human CD200 Receptor 1 is produced by our Mammalian expression system and the target gene encoding Ala27-Leu266 is expressed with a Fc tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	131450
UniProt ID:	Q8TD46
Summary:	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.



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