Recombinant Human CD200 Protein, His-tagged

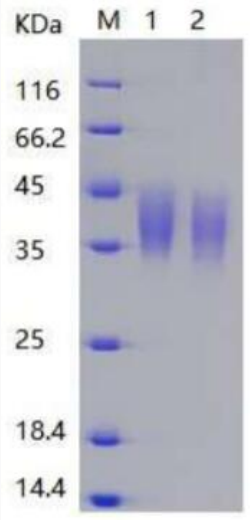
Cat. No. CD200-59H **Lot. No.** (See product label)

SPECIFICATION

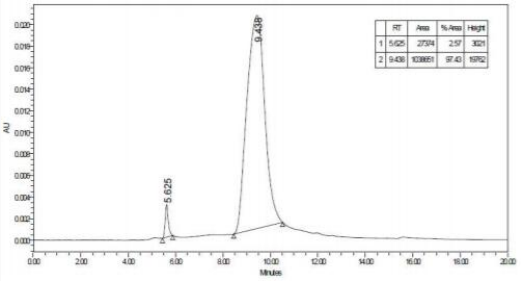
Product Overview	Recombinant Human CD200 is produced by our Mammalian expression system and the target gene encoding Gln31-Gly232 is expressed with a 6His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	31-232 a.a.
Description	CD200, also known as OX-2 membrane glycoprotein, is a type I transmembrane protein that belongs to the immunoglobulin superfamily. CD200 is broadly but not ubiquitously expressed and is shown to be important for the regulation of the myeloid cell activity in various tissues. CD200 also acts as a costimulatory molecule for T-cell proliferation. Previous studies have found that CD200 plays an important role in the prevention of graft rejection, autoimmune diseases, and spontaneous abortion.
Form	Lyophilized frum a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
AA Sequence	Gln31-Gly232
Endotoxin	Less than 0.1 EU/ug.
Purity	>95% measured by SEC-HPLC.

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GENE INFORMATION

Gene Name	CD200 CD200 molecule [Homo sapiens (human)]
Official Symbol	CD200
Synonyms	OX-2 Membrane Glycoprotein; CD200; MOX1; MOX2; MRC; OX-2
Gene ID	4345
mRNA Refseq	NM_001004196.4
Protein Refseq	NP_001004196.2
MIM	155970
UniProt ID	P41217
SDS-PAGE	

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	1. Reducing sample 2. Non-reducing sample Human CD200 (C-6His) stained by Coomassie Blue, showing >95% purity under reducing condition.
SEC-HPLC Analysis	 Human CD200 (C-6His) anlyzed by SEC-HPLC test, showing >97% purity.

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