

CD200, human recombinant protein
CD200 molecule, MOX1, MOX2, MRC, OX-2
Catalog # PBV10933r**Specification**

CD200, human recombinant protein - Product info

Primary Accession	P41217
Concentration	1
Calculated MW	24.8 kDa (225 aa, 31-232 aa + His tag), confirmed by MALDI-TOF. KDa

CD200, human recombinant protein - Additional Info

Gene ID	4345
Gene Symbol	CD200
Other Names	
CD200 molecule, MOX1, MOX2, MRC, OX-2	
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MGSSHHHHHH SSGLVPRGSH MGSQVQVVTQ DEREQLYTPA SLKCSLQNAQ EALIVTWQKK KAVSPENMVT FSENHGVVIQ PAYKDKINIT QLGLQNSTIT FWNITLEDEG CYMCLFNTFG FGKISGTACL TVYVQPIVSL HYKFSEDHLN ITCSATARPA PMVFWKVPRS GIENSTVTLS HPNGTTSVTS ILHIKDPKNQ VGKEVICQVL HLGTVTDFKQ TVNKG

Target/Specificity
CD200**Format**
Liquid**Storage**
-80°C; 1 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea.**CD200, human recombinant protein - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD200, human recombinant protein - Images

CD200, human recombinant protein - Background

CD200 is a type-1 membrane glycoprotein, which contains two immunoglobulin domains, and thus belongs to the immunoglobulin superfamily. Studies of the related genes in mouse and rat suggest that this gene may regulate myeloid cell activity and delivers an inhibitory signal for the macrophage lineage in diverse tissues. Multiple alternatively spliced transcript variants that encode different isoforms have been found for this gene. Recombinant human CD200 protein, fused to His-tag at N-terminus, was expressed in E.coli.

CD200, human recombinant protein - References

Hou Z.F.,et al.Submitted (APR-2004) to the EMBL/GenBank/DDBJ databases.
Mao Y.M.,et al.Submitted (MAY-1998) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Otsuki T.,et al.DNA Res. 12:117-126(2005).
Muzny D.M.,et al.Nature 440:1194-1198(2006).