# CD200 (Human) Recombinant Protein

Catalog # P9346 Size 20 ug

## Specification

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| **Product Description** | Human CD200 partial recombinant protein with His tag in N-terminus expressed in*Escherichia coli*. |
| **Sequence** | MGSSHHHHHHSSGLVPRGSHMGSQVQVVTQDEREQLYTPASLKCSLQNAQEALIVTWQKKKAV SPENMVTFSENHGVVIQPAYKDKINITQLGLQNSTITFWNITLEDEGCYMCLFNTFGFGKISGTACLT VYVQPIVSLHYKFSEDHLNITCSATARPAPMVFWKVPRSGIENSTVTLSHPNGTTSVTSILHIKDPKN QVGKEVICQVLHLGTVTDFKQTVNKG |
| **Host** | Escherichia coli |
| **Theoretical MW (kDa)** | 24.8 |
| **Form** | Liquid |
| **Preparation Method** | *Escherichia coli* expression system |
| **Purification** | chromatographic |
| **Purity** | > 90% as determined by SDS-PAGE. |
| **Storage Buffer** | Solution (1 mg/mL) containing 20 mM Tris-HCl, pH 8.0, 10% glycerol, 0.4 M Urea. |
| **Storage Instruction** | Store at 4°C for one weeks and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).<br>Avoid repeated freeze/thaw cycles. |

## Applications

- SDS-PAGE

## Gene Info — CD200

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| **Entrez GeneID** | 4345 |

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| **Protein Accession#** | P41217 |
| **Gene Name** | CD200 |
| **Gene Alias** | MOX1, MOX2, MRC, OX-2 |
| **Gene Description** | CD200 molecule |
| **Omim ID** | 155970 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | The protein encoded by this gene is a type-1 membrane glycoprotein, which contains two immuno globulin domains, and thus belongs to the immunoglobulin superfamily. Studies of the related gen es in mouse and rat suggest that this gene may regulate myeloid cell activity and delivers an inhibi tory signal for the macrophage lineage in diverse tissues. Multiple alternatively spliced transcript v ariants that encode different isoforms have been found for this gene. [provided by RefSeq |
| **Other Designations** | CD200 antigen\|MRC OX-2 antigen\|OX-2 membrane glycoprotein\|antigen identified by monoclona l antibody MRC OX-2 |

## Disease

- Tobacco Use Disorder

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