

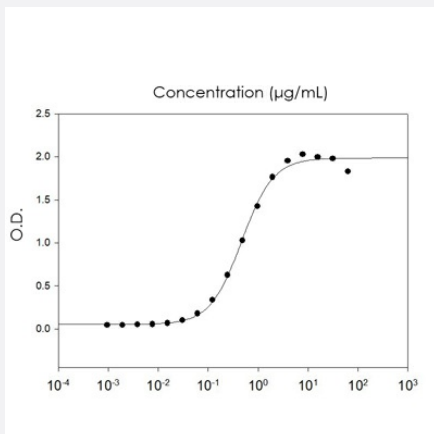
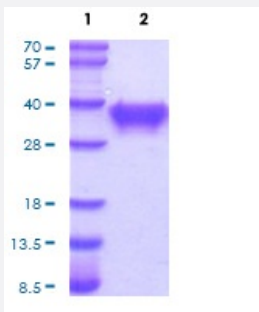
Bioactive

# CD200 (Human) Recombinant Protein

Catalog # P8099

Size 100 ug

## Applications



## Result of bioactivity analysis

Result of bioactivity analysis

## Specification

### Product Description

Human CD200 (P41217, 31 a.a. - 232 a.a.) partial length recombinant protein His tag expressed in Baculovirus expression system.

### Sequence

QVQVVTQDEREQLYTPASLKCSLQNAQEALVTWQKKKAVSPENMVTFSENHGCVIQQPAYKDKINI  
TQLGLQNSTITFWNITLEDGCMCLFNTFGFGKISGTACLTIVYQPIVSLHYKFSEDHLNITCSATA  
RPAPMVFWKVPRSGIENSTVTLSHPNGTTSVTSILHIKDPKNQVGKEVICQVLHLGTVTDFKQTVN  
KG

### Host

Viruses

### Theoretical MW (kDa)

23.5

Form	Liquid
Preparation Method	Baculovirus expression system
Purity	> 95% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	Measured by the binding ability in a functional ELISA with Human CD200R1.
Quality Control Testing	3 ug by SDS-PAGE under reducing condition and visualized by Coomassie blue stain.
Storage Buffer	In Phosphate-Buffer Saline pH 7.4 (10% glycerol)
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of bioactivity analysis Result of bioactivity analysis

## Applications

- Functional Study
- SDS-PAGE

## Gene Info — CD200

Entrez GeneID	<a href="#">4345</a>
Protein Accession#	<a href="#">P41217</a>
Gene Name	CD200
Gene Alias	MOX1, MOX2, MRC, OX-2
Gene Description	CD200 molecule
Omim ID	<a href="#">155970</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

The protein encoded by this gene 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. [provided by RefSeq]

**Other Designations**

CD200 antigen|MRC OX-2 antigen|OX-2 membrane glycoprotein|antigen identified by monoclonal antibody MRC OX-2

**Disease**

- [Tobacco Use Disorder](#)