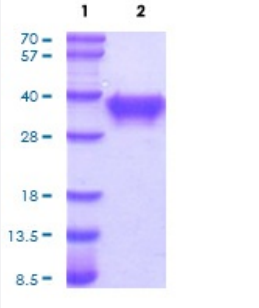
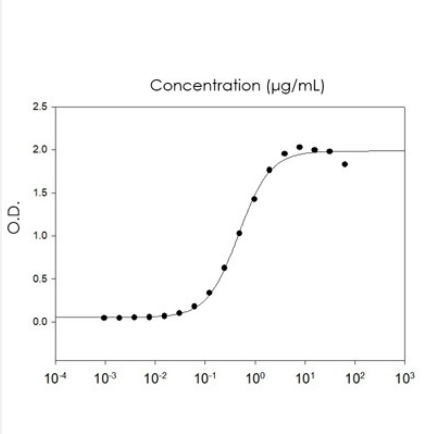
Bioactive

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	QVQVVTQDEREQLYTPASLKCSLQNAQEALIVTWQKKKAVSPENMVTFSENHGVVIQPAYKDKINI TQLGLQNSTITFWNITLEDEGCYMCLFNTFGFGKISGTACLTVYVQPIVSLHYKFSEDHLNITCSATA RPAPMVFWKVPRSGIENSTVTLSHPNGTTSVTSILHIKDPKNQVGKEVICQVLHLGTVTDFKQTVN KG
Host	Viruses
Theoretical MW (kDa)	23.5

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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	4345
Protein Accession#	P41217
Gene Name	CD200
Gene Alias	MOX1, MOX2, MRC, OX-2
Gene Description	CD200 molecule
Omim ID	155970
Gene Ontology	Hyperlink

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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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