CD200 (Human) Recombinant Protein

Catalog # P9347 Size 2 x 10 ug

Specification

Product Description	Human CD200 partial recombinant protein expressed with hIgG-His tag in C-terminus in *Escherichia coli*.
Sequence	ADPQVQVVTQDEREQLYTPASLKCSLQNAQEALIVTWQKKKAVSPENMVTFSENHGVVIQPAYK DKINITQLGLQNSTITFWNITLEDEGCYMCLFNTFGFGKISGTACLTVYVQPIVSLHYKFSEDHLNITC SATARPAPMVFWKVPRSGIENSTVTLSHPNGTTSVTSILHIKDPKNQVGKEVICQVLHLGTVTDFK QTVNKGLEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPE VKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTIS KAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSD GSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGKHHHHHH
Host	Escherichia coli
Theoretical MW (kDa)	49.7
Form	Liquid
Preparation Method	Baculovirus expression system
Purification	chromatographic
Purity	> 95% as determined by SDS-PAGE.
Storage Buffer	Solution (0.5 mg/mL) containing 1X PBS, pH 7.4, 10% glycerol.
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). Avoid repeated freeze/thaw cycles.

Applications

- SDS-PAGE

Gene Info — CD200

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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
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

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