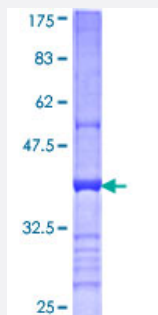


CD200 (Human) Recombinant Protein (Q01)

Catalog # H00004345-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CD200 partial ORF (NP_005935, 34 a.a. - 124 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	VVTQDEREQLYTPASLKCSLQNAQEALVTWQKKKAVSPENMVTFSENHGVVIQPAYKDKINITQL GLQNSTITFWNITLEDEGCYMCLFN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.75
Interspecies Antigen Sequence	Mouse (80); Rat (76)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CD200

Entrez GeneID [4345](#)

GeneBank Accession# [NM_005944](#)

Protein Accession# [NP_005935](#)

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](#)