

## Recombinant Human CD200 Protein

Catalog #	Source	Reactivity	Applications
CRP1208	Human cells	Human	E, WB, SDS-PAGE, MS

**Description** Recombinant Human CD200 Protein is produced by our mammalian expression system and the target gene encoding Gln31-Gly232 is expressed with a Fc tag at the C-terminus.

**Form** Lyophilized from a 0.2  $\mu$ M filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

**Gene Symbol** CD200

**Alternative Names** MOX1; MOX2; OX-2 membrane glycoprotein; CD200

**Entrez Gene** 4345 (Human)

**SwissProt** P41217 (Human)

**Purity** Greater than 95% as determined by reducing SDS-PAGE.

**Chemical Structure** QVQVVTQDER EQLYTPASLK CSLQNAQEAL IVTWQKKKAV SPENMVTTFSE NHGVVIQPAY  
KDKINITQLG LQNSTITFWN ITLEDEGCMY CLFNTEGFGK ISGTACTLVY VQPIVSLHYK  
FSEDHLNITC SATARPAPMV FWKVPRSGIE NSTVTLSHPN GTTSVTSILH IKDPKNQVGK  
EVICQVLHLG TVTDFKQTVN KGVDDIEGRM DEPKSCDKTH TCPPCPAPEL LGGPSVFLFP  
PKPKDTLMIS RTPEVTCVVV DVSHEDPEVK FNWYVDGVEV HNAKTKPREE QYNSTYRVVS  
VLTVLHQDWL NGKEYKCKVS NKALPAPIEK TISKAKGQPR EPQVYTLPPS REEMTKNQVS  
LTCLVKGFYP SDIAVEWESN GQPENNYKTT PVLDSGDSF FLYSKLTVDK SRWQQGNVFS  
CSVMHEALHN HYTQKLSLS PGK

**Quality Control** Endotoxin: Less than 0.1 ng/ $\mu$ g (1 IEU/ $\mu$ g) as determined by LAL test.

**Directions for Use** Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100  $\mu$ g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

freeze-thaw cycles.

## Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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