

Rat CD200, C-His Tag Protein

HA211548



Product name:	Rat CD200, C-His Tag
Species reactivity:	Rat
Bio-Activity:	Testing in progress.
Protein construction description:	A DNA sequence encoding the rat CD200 protein (P04218) (Gln 31 -Gly 232) was expressed with a His tag at the C-terminus.

Background: OX-2 membrane glycoprotein, also named CD200 (Cluster of Differentiation 200) is a human protein encoded by the CD200 gene. CD200 gene is in human located on chromosome 3 in proximity to genes encoding other B7 proteins CD80/CD86. In mice CD200 gene is on chromosome 16. The protein encoded by this gene is a type-1 membrane glycoprotein, which contains two IgSF immunoglobulin domains, transmembrane region and a 19 amino acid long cytoplasmatic domain. CD 200 belongs to the immunoglobulin superfamily, particularly belongs to the B7 receptor family.

Purity: >95% as determined by SDS-PAGE.

Endotoxin: Less than 1.0 EU per µg by the LAL method.

Fragment region: CD200 (31-232)

Source: HEK293

Accession: P04218

Predicted molecular mass: 24.2 kD

Formulation: Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.

Reconstitution: Reconstitute at 250 µg/ml in sterile water.

Storage: Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders: 0086-571-88062880

Technical: 0086-571-89986345

Service mail: support@huabio.cn

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Applications: WB=Western blot IHC-P=Immunohistochemistry (paraffin) IF-Cell=Immunofluorescence (Cell) IF-Tissue=Immunofluorescence (Tissue) FC=Flow cytometry IP=Immunoprecipitation

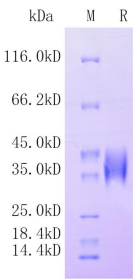


Fig1: Protein on SDS-PAGE under reducing (R) condition.

Note: All products are “FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE”.