

Catalog No.: RP00584LQ **Recombinant**

Species	Gene ID	Swiss Prot
Human	931	P11836-1

C-His&Avi

MS4A1; CD20; MS4A-1; B1; Bp35; CD20
receptor; CD20S7; CVID5; LEU-16; Ly-44;
MS4A2; S7

Source <i>E. coli</i>	Purification ≥ 95 % as determined by SDS- PAGE
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Calculated MW	Observed MW
16.8 kDa	20-25 kDa

< 1 EU/μg of the protein by LAL method.

Supplied as 0.22 μm filtered solution in 20 mM PB, 10% Glycerol, 0.4 M Urea, 1 mM GSH, 0.1 mM GSSG (pH 7.0).

Contact

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B-lymphocyte antigen CD20 or CD20 is an activated-glycosylated phosphoprotein expressed on the surface of all B-cells beginning at the pro-B phase (CD45R , CD117) and progressively increasing in concentration until maturity. CD20 is the target of the monoclonal antibodies rituximab, ocrelizumab, obinutuzumab, ofatumumab, ibritumomab tiuxetan, tositumomab, and ublituximab, which are all active agents in the treatment of all B cell lymphomas, leukemias, and B cell-mediated autoimmune diseases.

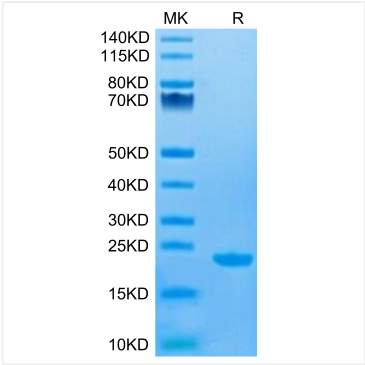
Recombinant Human MS4A1/CD20 Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Ile141-Ser188) of Human MS4A1/CD20 (Accession #P11836-1) fused with a C-His&Avi tag at the C-terminus.

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

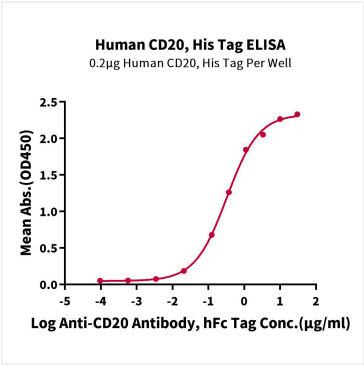
Store at -70°C. This product is stable at $\leq -70^{\circ}\text{C}$ for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles.

For your safety and health, please wear a lab coat and disposable gloves for handling.

Validation Data



Recombinant Human MS4A1/CD20 Protein was determined by Tris-Bis PAGE under reducing conditions.



Immobilized Human CD20, His Tag at 2 µg/mL (100 µL/well) on the plate. Dose response curve for Anti-CD20 Antibody, hFc Tag with the EC₅₀ of 0.33 µg/mL determined by ELISA.