

RP02005LQ

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Recombinant Human CD20 Protein

Catalog No.: RP02005LQ **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	931	P11836

Tags

C-6xHis

Synonyms

B1; Bp35; CD20; CVID5; LEU-16;
MS4A2;
S7;CD20;MS4A1;Bp35;CVID5;LEU-16;M
S4A2;S7

Product Information

Source	Purification
E.coli	> 95% by SDS- PAGE.

Endotoxin

< 1.0 EU/μg of the protein by LAL method.

Formulation

Supplied as 0.22um filtered solution in 20mM PB , 10% glycerol, pH 7.0.Contact us for customized product form or formulation.

Reconstitution

Background

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

Basic Information

Description

Recombinant Human BAFFR Protein is produced by E.coli expression system. The target protein is expressed with sequence (Ile141-Ser188) of human CD20 (Accession #P11836) fused with a 6xHis tag at the C-terminus.

Bio-Activity

Immobilized Human CD20 at 1μg/mL (100μL/well), dose response curve for rituximab with the EC₅₀ of 0.2μg/mL determined by ELISA.

Storage

This product is stable at ≤ -70° 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.

Contact

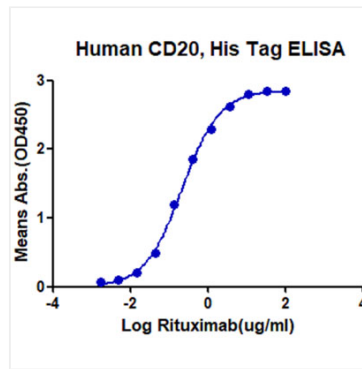


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Validation Data



Recombinant Human CD20 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 14.5 kDa.



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