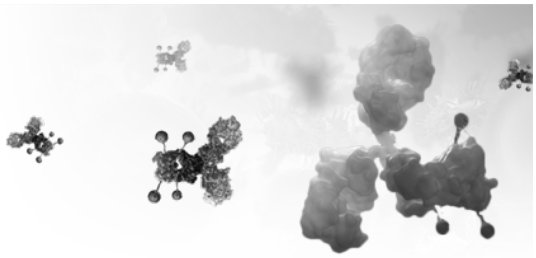

Recombinant Human CD20 VLP (DAG-WT1241)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Species	Human
Purity	> 95% as determined by HPLC
Conjugate	N/A
Applications	ELISA, SPR
Molecular Weight	34.3 kDa
Reconstitution	Reconstituting to a concentration more than 100 ug/ml is recommended. Dissolve the lyophilized protein in distilled water.
Format	Lyophilized
Size	100 µg, 500 µg
Buffer	Lyophilized from 0.22um filtered solution in PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization
Preservative	None
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week

BACKGROUND

Introduction	B-lymphocyte antigen CD20 or CD20 is expressed on the surface of all B-cells beginning at the pro-B phase (CD45R+, CD117+) and progressively increasing in concentration until maturity. The protein has no known natural ligand and its function is to enable optimal B-cell immune response, specifically against T-independent antigens. It is suspected that it acts as a calcium channel in the cell membrane. CD20 is induced in the context of microenvironmental

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	interactions by CXCR4/SDF1 (CXCL12) chemokine signaling and the molecular function of CD20 has been linked to the signaling propensity of B-cell receptor (BCR) in this context.
Keywords	CD20; CD20 Molecule

GENE INFORMATION

UniProt ID	P11836-1

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