



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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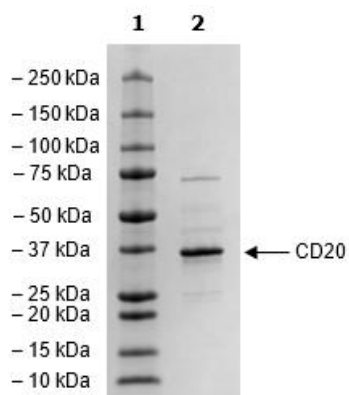
[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Information

Description:	Recombinant human CD20, also known as membrane spanning 4-domainsA1 (MS4A1), full length, encompassing amino acids 1-297(end). This construct contains a C-terminal FLAG-tag. This recombinant protein was affinity purified.
Species	Human
Construct:	CD20 (1-297(end)-FLAG)
Concentration:	0.42 mg/ml
Expression System:	HEK293
Purity:	85%
Format:	Aqueous buffer solution.
Formulated In:	50 mM HEPES (pH 8), 150 mM NaCl, 10% (vol/vol) glycerol, 0.1% DDM, 0.01% CHS, and 100 µg/ml FLAG peptide
MW:	34 kDa
Genbank Accession:	NM_021950.3
Stability:	At least 6 months at -80°C.
Storage:	-80°C
Instructions for Use:	Thaw on ice and gently mix prior to use. DO NOT VORTEX. Perform a quick spin before opening. Aliquot into small volumes and flash freeze for long term storage. Avoid multiple freeze/thaw cycles.
Assay Conditions:	The protein was validated by measuring its binding to Anti-CD20 antibody, Biotin-labeled (BPS Bioscience #101207) in biochemical binding (ELISA) assay. The CD20 protein was coated onto a 96-well plate overnight at 4°C (50 µl/well at a concentration of 2 µg/ml in PBS). The plate was washed 3 times with Immuno Buffer 1 (BPS Bioscience #79311) and blocked using 100 µl of Blocking Buffer 2 (BPS Bioscience #79728) with DDM/CHS detergent (dodecyl-β-D-maltoside (DDM) 0.05%, cholesteryl hemisuccinate (CHS) 0.01%) for 1 hour at room temperature. After removing the blocking buffer, 50 µl/well of purified anti-CD20 antibody, biotin-labeled, serially diluted in Blocking Buffer 2 with DDM/CHS detergent, was added for 60 minutes at room temperature. After 3 more washes, the plate was incubated with HRP Streptavidin (BioLegend #405210), washed, and incubated with Colorimetric HRP substrate (BPS Bioscience #79651). The reaction was stopped, and absorbance was read at 450 nm. The Blank value was subtracted from all values.
Applications:	Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

Quality Control Data

4-20% SDS-PAGE Coomassie Staining



CD20: Anti-CD20 Binding Assay

