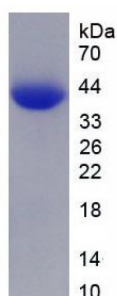
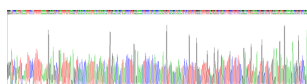


## Human B-Lymphocyte Antigen CD20 (MS4A1) Protein

Catalogue No.: abx654341



SDS-PAGE analysis of recombinant Human CD20.



Gene sequencing extract of recombinant Human CD20.

Human Membrane Spanning 4 Domains Subfamily A, Member 1 (CD20) Protein is a Recombinant Human protein expressed in *E. coli*.

**Target:** B-Lymphocyte Antigen CD20 (MS4A1)

**Origin:** Human

**Expression:** Recombinant

**Tested Applications:** WB, SDS-PAGE

**Host:** *E. coli*

**Conjugation:** Unconjugated

**Form:** Lyophilized

**Purity:** > 95%

**Reconstitution:** Reconstitute in ddH<sub>2</sub>O to a concentration up to 0.2 mg/ml. Do not vortex.

**Storage:** Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.

# Datasheet

Version: 5.0.0  
Revision date: 19 Jun 2025



**UniProt Primary AC:** P11836 ([UniProt](#), [ExPASy](#))

**Gene Symbol:** MS4A1

**GeneID:** [931](#)

**OMIM:** [112210](#)

**HGNC:** 7315

**KEGG:** hsa:931

**Ensembl:** ENSG00000156738

**String:** [9606.ENSP00000314620](#)

**Molecular Weight:** Calculated MW: 38.3 kDa

Observed MW (SDS-PAGE): 43 kDa

Possible reasons why the actual band size differs from the predicted band size:

1. Splice variants. Alternative splicing may create different sized proteins from the same gene.
2. Relative charge. The composition of amino acids may affect the charge of the protein.
3. Post-translational modification. Phosphorylation, glycosylation, methylation etc. may affect the band size.
4. Post-translational cleavage. Many proteins are synthesised as pro-proteins, and then cleaved to give the active form.
5. Polymerisation of the target protein. Dimerisation, multimerisation etc. will increase the band size observed.

**Sequence Fragment:** Lys142-Pro297

**Sequence:** KISHFLKME SLNFIRAHTP YINIYNCEPA NPSEKNPST QYCYSIQSLF LGILSVMLIF AFFQELVIAG  
IVENEWKRTC SRPKSNIVLL SAEKKEQTI EIKEEVVGLT ETSSQPKNEE DIEIPIQEE EEEETETNFP  
EPPQDQESSP IENDSSP

**Tag:** N-terminal His and TrxA tags

**Buffer:** Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 5% Trehalose.

**Activity:** Not tested

**Concentration:** Prior to lyophilization: 50 µg/ml

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.