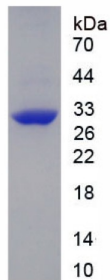


Mouse Complement Receptor 2 / CD21 (CR2) Protein

Catalogue No.: abx066085



SDS-PAGE analysis of recombinant Mouse Complement Receptor 2 Protein.

Mouse Complement Receptor 2 (CR2) is a recombinant Mouse protein expressed in *E. coli*.

This protein is the immunogen for the following antibodies: [abx102003](#)

Target:	Complement Receptor 2 / CD21 (CR2)
Research Area:	Signal Transduction, Cellular Differentiation and Adhesion, Infection Immunity, Immunology
Origin:	Mouse
Expression:	Recombinant
Tested Applications:	WB, SDS-PAGE
Host:	<i>E. coli</i>
Conjugation:	Unconjugated
Form:	Lyophilized
Activity:	Not tested
Purity:	> 97%
Reconstitution:	To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH ₂ O. If a lower concentration is required, dilute in 20 mM Tris, 150 mM NaCl, pH 8.0. If a higher concentration is required, the product can be reconstituted directly in 20 mM Tris, 150 mM NaCl, pH 8.0, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.
Storage:	Store lyophilized form at 2-8°C for up to 1 month. For longer periods, store lyophilized or liquid at -80°C. Avoid repeated freeze-thaw cycles.

Datasheet

Version: 8.0.0
Revision date: 16 Feb 2026



Shelf Life: 12 months.

UniProt Primary AC: P19070 ([UniProt](#), [ExPASy](#))

Gene Symbol: CR2

String: [10090.ENSMUSP00000080938](#)

Molecular Weight: Calculated MW: 26.4 kDa

Observed MW (SDS-PAGE): 31 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: Cys463-Asp665

Sequence: CKPVGPHL FKRPQNQFIR TAVNSSCDEG FQLSESAYQL CQGTIPWFIE IRLCKEITCP PPPVIHNGTH
TWSSSEDVPY GTVVTYMCYP GPEEGVKFKL IGEQTIHCTS DSRGRGSWSS PAMPLCKLSLP
AVQCTDVHVE NGVKLTDNKA PYFYNDSVMF KCDDGYILSG SSQIRCKANN TWDPEKPLCK
KEGCEPMRVH GLPDD

Tag: N-terminal His tag

Buffer: Prior to lyophilization: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 0.01% Sarcosyl, 5% Trehalose.

Concentration: Prior to lyophilization: 150 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.