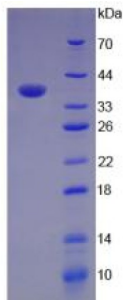
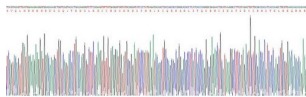


Mouse Complement Component 3a (C3a) Protein

Catalogue No.: abx066054



SDS-PAGE analysis of recombinant Mouse C3a Protein.



Gene sequencing extract of recombinant Mouse C3a Protein.

Mouse Complement Component 3a (C3a) is a recombinant Mouse protein produced in a Prokaryotic expression system (E. coli).

This protein is the immunogen for the following antibodies: [abx102216](#)

Target:	Complement Component 3a (C3a)
Research Area:	Infection Immunity, Immunology, Autoimmunity
Origin:	Mouse
Expression:	Recombinant
Tested Applications:	WB, SDS-PAGE
Host:	E. coli
Conjugation:	Unconjugated
Form:	Lyophilized
Activity:	Not tested

Datasheet

Version: 2.0.0
Revision date: 07 Oct 2025



Purity: > 90%

Reconstitution: To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH₂O. 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 at 2-8°C for up to one month. For long-term storage, store at -80°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P01027 ([UniProt](#), [ExPASy](#))

Gene Symbol: C3

GeneID: [12266](#)

KEGG: mmu:12266

String: [10090.ENSMUSP00000024988](#)

Molecular Weight: Calculated MW: 38.3 kDa
Observed MW (SDS-PAGE): 38 kDa

Sequence Fragment: Ser671-Arg748

Sequence: SVQLMERRMD KAGQYTDKGL RKCCEDGMRD IPMRYSCQRR ARLITQGENC IKAFIDCCNH
ITKLREQHRR DHVLGLAR

Tag: N-terminal His tag and GST tag

Buffer: Prior to lyophilization: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 0.01% Sarcosyl, 5% Trehalose, 1 mM EDTA, 1 mM DTT and Proclin-300.

Concentration: Prior to lyophilization: 200 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.