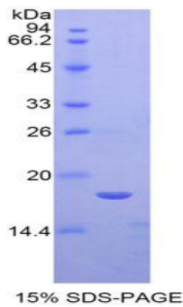


Mouse Semaphorin 3A (SEMA3A) Protein

Catalogue No.: abx069022



SDS-PAGE analysis of Mouse Semaphorin 3A Protein.

Recombinant Semaphorin 3A (SEMA3A) is a recombinant Mouse protein produced in a Prokaryotic expression system (E. coli).

Target: Semaphorin 3A (SEMA3A)

Origin: Mouse

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: E. coli

Conjugation: Unconjugated

Form: Lyophilized

Purity: > 95%

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. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: O08665 ([UniProt](#), [ExPASy](#))

KEGG: mmu:20346

String: [10090.ENSMUSP00000030714](#)

Datasheet

Version: 2.0.0
Revision date: 20 Jan 2025



Molecular Weight: Calculated MW: 17.6 kDa
Observed MW (SDS-PAGE): 17 kDa

Sequence Fragment: Arg31-Pro150

Sequence: RLKLSYKEML ESNNVITFNG LANSSSYHTF LLDEERSRLY VGAKDHIFS NLVNIKDFQK
IVWPVSYTR
R DECKWAGKDI LKECANFIKV LEAYNQTHLY ACGTGAFHPI CTYIEVGHHP

Tag: N-terminal His tag

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

Activity: Not tested

Concentration: Prior to lyophilization: 200 µg/ml

Note: This product is for research use only.
Not for human consumption, cosmetic, therapeutic or diagnostic use.

For Reference Only