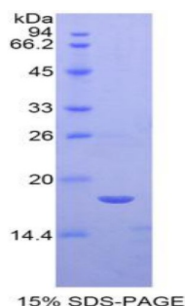


Mouse Semaphorin 3A (SEMA3A) Protein

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)

Research Area: Cellular Differentiation and Adhesion

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

Datasheet

Version: 3.0.0
Revision date: 03 Jul 2025



String: [10090.ENSMUSP00000030714](#)

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

Sequence Fragment: Arg31-Pro150

Sequence: RLKLSYKEML ESNNVITFNG LANSSTSYHTF LLDEERSRLY VGAKDHIFSF NLVNIKDFQK
IVWPVSYTRR DECKWAGKDI LKECANFIKV LEAYNQTHLY ACGTGAFHPI CTYIEVGHHHP

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 USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only