

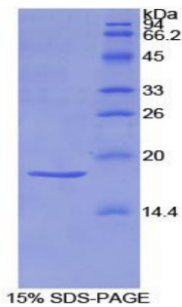
Datasheet

Version: 3.0.0
Revision date: 12 Oct 2025

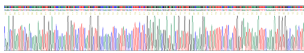


Rat Semaphorin 3A (SEMA3A) Protein

Catalogue No.:abx069019



SDS-PAGE analysis of Rat Semaphorin 3A Protein.



Gene Sequencing analysis of Rat Semaphorin 3A Protein.

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

Target:	Semaphorin 3A (SEMA3A)
Research Area:	Cellular Differentiation and Adhesion
Origin:	Rat
Expression:	Recombinant
Tested Applications:	WB, SDS-PAGE
Host:	E. coli
Conjugation:	Unconjugated
Form:	Lyophilized
Activity:	Not tested
Purity:	> 90%

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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 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:	Q63548 (UniProt , ExPASy)
KEGG:	rno:29751
String:	10116.ENSRNOP00000036472
Molecular Weight:	Calculated MW: 17.6 kDa Observed MW (SDS-PAGE): 17 kDa
Sequence Fragment:	Arg31-Pro150
Sequence:	RLKLSYKEML ESNNVITFNG LANSSSYHTF LLDEERSRLY VGAKDHFISF NLVNIKDFQK IVWPVSYTRR DECKWAGKDI LKECANFIKV LKAYNQTHLY ACGTGAFHPI CTYIEVGHHHP
Tag:	N-terminal His tag
Buffer:	Prior to lyophilization: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 0.01% Sarcosyl, 1 mM EDTA, 1 mM DTT, 5% Trehalose 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.