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## Product Datasheet

### Semaphorin 5A Peptide PRS-46-349P

Article Name	Semaphorin 5A Peptide
Biozol Catalog Number	PRS-46-349P
Supplier Catalog Number	46-349P
Alternative Catalog Number	PRS-46-349P-0.1
Manufacturer	ProSci
Category	Proteine/Peptide
Application	Blocking
NCBI	<a href="#">9037</a>
UniProt	<a href="#">Q13591</a>
Buffer	Semaphorin 5A peptide is supplied as 100 µg of dried peptide. When the peptide is reconstituted in 200 µL water, the concentration will be 0.5 mg/mL.
Form	Lyophilized

Application Notes

Semaphorin 5A Peptide is used for blocking the activity of Semaphorin 5A antibody (catalog number 46-349). The Semaphorin 5A antibody ships at 0.5 mg/mL and the Semaphorin 5A Peptide ships as a 100 ug pellet. When peptide is reconstituted in 200 uL water, the concentration will be 0.5 mg/mL, identical to that of the antibody. The best starting ratio would be 1:1 (which means molar excess of peptide relative to antibody when identical volumes are mixed). Mix equal volume of peptide and antibody at the required dilution and leave at ambient temperature for 20 minutes. Then incubate and develop in parallel two blots: one with the antibody and one with the antibody which has been pre-absorbed with the provided peptide.