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## Product Datasheet

### SMAD4 Peptide PRS-45-148P

Article Name	SMAD4 Peptide
Biozol Catalog Number	PRS-45-148P
Supplier Catalog Number	45-148P
Alternative Catalog Number	PRS-45-148P-0.1
Manufacturer	ProSci
Category	Proteine/Peptide
Application	Blocking
NCBI	<a href="#">4089</a>
UniProt	<a href="#">Q13485</a>
Buffer	SMAD4 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

SMAD4 Peptide is used for blocking the activity of SMAD4 antibody (catalog number 45-148). The SMAD4 antibody ships at 0.5 mg/mL and the SMAD4 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.