

**Cat#** SP-89794-5

**Description:** [Phe1,Ser2]-TRAP-6 [Phe-Ser-Leu-Leu-Arg-Asn; MW 748.89]

**Size:** 5 mg

**Purity:** >95%

**Store:** Desiccated at -20oC.

Protease activated receptors (PARs) are high affinity receptor for activated thrombin coupled to G proteins that stimulate phosphoinositide hydrolysis. They are cleaved at the N-terminal by serine proteases to produce this 6 amino acid peptide (42-47) that act as a tethered ligand and a PAR-1 agonist. They play a role in platelets activation, promoting intracellular Ca<sup>2+</sup> mobilization, tyrosine phosphorylation and in vascular development.

**References:**

Vassallo., (1992) J.Biol.Chem. 267 6081. Kaufmann., (1999). J.Neurooncol. 42 131. Hunter., (2009). J.Biol.Chem. 284 12339. Kahn M.L., (1999). J. Clin. Invest. 103:879-887.

**Related items**

SP-54012-5 Thrombin Receptor Activator Peptide 7 (TRAP-7) [Tyr1]  
SP-86725-5 Thrombin Receptor Activator Peptide 5 (TRAP-5) amide  
SP-86727-5 Scrambled TRAP Fragment  
SP-86729-5 N-10 Region of Thrombin Receptor Activator Peptide (TRAP)  
SP-89793-5 Thrombin Receptor Activator Peptide 5 (TRAP-5) [Cit5]  
SP-89794-5 Thrombin Receptor Activator Peptide 6 (TRAP-6) [Phe1,Ser2]  
SP-89796-5 Thrombin Receptor Activator Peptide 6 TRAP-6 (2-6)  
SP-89797-1 Thrombin Receptor Activator Peptide 14 (TRAP-14) amide

SP-89794-5-Thrombin-Receptor-Activator-Peptide

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