
PAR-4 Peptide

Subcategory: Synthetic Peptide, Blocking Peptide

Cat. No.: 300118

Unit: 0.1 mg

Description:

Proteinase-activated receptor 4 (PAR-4) is a receptor for activated thrombin or trypsin. PAR-4 is coupled to G proteins that stimulate phosphoinositide hydrolysis. PAR-4 plays a role in platelet activation. PAR-4 is widely expressed in tissues, but is not expressed in brain, kidney, spinal cord and peripheral blood leukocytes.

Format: Each vial contains 0.1 ml peptide in deionized water for a final concentration of 1 mg/ml. Use at 5.6 ug/ml for a 100X excess over antibody for maximum blocking effect.

Alternate Names: PAR4; Proteinase-activated receptor 4; PAR-4; Thrombin receptor-like 3; Coagulation factor II receptor-like 3; F2RL3

Accession No.: Q96RI0

MW: 1838.9 g/mol

Sequence: The synthetic peptide used to raise the antibody Cat. No. 251564 is selected from a sequence within the C-term region of human PAR-4. For blocking experiments, a 10 to 100 fold molar excess to antibody is recommended.

Composition: C₈₄H₁₃₀N₁₈O₂₆S₁

Purity: Purity > 80% by HPLC

Solubility: Distilled water for a solution up to 2 mg/ml, otherwise we recommend using acetonitrile.

Storage: Store at -20°C. The product is hygroscopic and must be protected from light. Product is guaranteed one year from the date of shipment. Following reconstitution, store at -20°C.

For research use only, not for diagnostic or therapeutic procedures.