

Platelet Membrane Glycoprotein IIB Peptide (296-306)
Synthetic Peptide
Catalog # SP3176a

Specification

Platelet Membrane Glycoprotein IIB Peptide (296-306) - Product Information

Primary Accession [O9OUM0](#)
Other Accession [P08514](#)
Sequence **NH2-TDVNGDGRHDL-COOH**

Platelet Membrane Glycoprotein IIB Peptide (296-306) - Additional Information

Gene ID 16399

Other Names

Integrin alpha-IIb, GPalpha IIb, GPIIb, Platelet membrane glycoprotein IIb, CD41, Integrin alpha-IIb heavy chain, Integrin alpha-IIb light chain, Itga2b

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Platelet Membrane Glycoprotein IIB Peptide (296-306) - Protein Information

Name Itga2b

Function

Integrin alpha-IIb/beta-3 is a receptor for fibronectin, fibrinogen, plasminogen, prothrombin, thrombospondin and vitronectin. It recognizes the sequence R-G-D in a wide array of ligands. It recognizes the sequence H-H-L-G-G-G-A-K-Q-A-G-D-V in fibrinogen gamma chain. Following activation integrin alpha-IIb/beta-3 brings about platelet/platelet interaction through binding of soluble fibrinogen. This step leads to rapid platelet aggregation which physically plugs ruptured endothelial cell surface.

Cellular Location

Membrane; Single-pass type I membrane protein.

Platelet Membrane Glycoprotein IIB Peptide (296-306) - Images