

**Platelet Membrane Glycoprotein IIB Peptide (296-306)**  
**Synthetic Peptide**  
**Catalog # SP3176b****Specification**

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

Primary Accession	<a href="#">O9OUM0</a>
Other Accession	<a href="#">P08514</a>
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**