

Eptifibatide, Human Synthetic

Catalog No.	CRE304A CRE304B CRE304C	Quantity:	5 mg 25 mg 100 mg
Description:	Synthetic Eptifibatide is a 6 amino acid peptide having a MW = 832 Daltons. Eptifibatide binds to the platelet receptor glycoprotein(GP) IIb/IIIa of human platelets and inhibits platelet aggregation.		
Formulation:	Sterile filtered and then lyophilized without additives		
Purity:	Greater than 98.0% as determined by analysis by RP-HPLC, anion-exchange FPLC, and analysis by reducing and non-reducing SDS-PAGE silver-stained gel.		
Endotoxin Level:	Less than 0.1 ng/μg (1 EU/μg) of Eptifibatide.		
Dimers & Aggregates:	Less than 1% as determined by silver-stained SDS-PAGE gel analysis.		
Amino Acid Sequence:	Mpr-Har-Gly-Asp-Trp-Pro-Cys-NH ₂		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute the lyophilized Eptifibatide in sterile distilled water to a concentration not less than 100 μg/ml, which can then be further diluted into other aqueous solutions.		
Storage & Stability:	Lyophilized Eptifibatide although stable at room temperature for 3 weeks, should be stored desiccated below -20°C. Upon reconstitution, Eptifibatide should be stored at 2-4°C between 2-7 days and for future use, below -20°C. For long term storage, it is recommended to add a carrier protein (0.1% HSA or BSA). Prevent freeze/thaw cycles.		
Protein Content:	Protein quantitation was carried out by two independent methods: 1. UV spectroscopy at 280 nm 2. Analysis by RP-HPLC, using a standard solution of Eptifibatide as a Reference Standard.		

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