

Background Information

Integrin beta 6 (ITG β 6) is a 95 kDa member of the Integrin beta family. It forms non-covalent heterodimers with Integrin α V and appears on epithelia following injury or inflammation. It activates TGF- β and assists keratinocyte migration. Human ITG β 6 is a type I transmembrane glycoprotein that is 767 amino acids (aa) in length. It contains a 688 aa extracellular domain (ECD) (aa 22 - 709) that incorporates a 241 aa VWF-A domain. Over aa 22 - 707, human ITG β 6 ECD shares 90% and 93% aa sequence identity with mouse and pig ITG β 6 ECD, respectively.

Warning: Contains sodium azide as a preservative - sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large volumes of water during disposal.