

## ITGB5 抗原（重组蛋白）

中文名称：ITGB5 抗原（重组蛋白）

英文名称：ITGB5 Antigen (Recombinant Protein)

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 136-378 amino acids of human ITGB5

技术规格

<b>Full name:</b>	integrin, beta 5
<b>Swissprot:</b>	P18084
<b>Gene Accession:</b>	BC006541
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	Integrins are heterodimers composed of noncovalently associated transmembrane $\alpha$ and $\beta$ subunits. The 16 $\alpha$ and 8 $\beta$ subunits heterodimerize to produce more than 20 different receptors. Most integrin receptors bind ligands that are components of the extracellular matrix, including Fibronectin, Collagen and Vitronectin. Certain integrins can also bind to soluble ligands such as Fibrinogen, or to counterreceptors on adjacent cells such as the intracellular adhesion molecules (ICAMs), leading to aggregation of cells. Ligands serve to cross-link or cluster integrins by binding to adjacent integrin receptors; both receptor clustering and ligand occupancy are necessary for the activation of integrin-med

iated responses. In addition to mediating cell adhesion and cyto  
skeletal organization, integrins function as signaling receptors.