

IBSP 抗原

中文名称： IBSP 抗原

英文名称： IBSP Antigen

相关类别： 抗原

储 存： 冷冻（-20℃）

概述

Synthetic peptide corresponding to a region derived from 280-292 amino acids of human integrin-binding sialoprotein

技术规格

Full name	integrin-binding sialoprotein
Synonyms	BSP; BNSP; SP-II; BSP-II
Swissprot	P21815
Gene Accession	NP_004958
Background	The protein encoded by this gene is a major structural protein of the bone matrix. It constitutes approximately 12% of the noncollagenous proteins in human bone and is synthesized by skeletal-associated cell types, including hypertrophic chondrocytes, osteoblasts, osteocytes, and osteoclasts. The only extraskeletal site of its synthesis is the trophoblast. This protein binds to calcium and hydroxyapatite via its acidic amino acid clusters, and mediates cell attachment through an RGD sequence that recognizes the vitronectin receptor.

