

SPP1 抗原（重组蛋白）

中文名称： SPP1 抗原（重组蛋白）

英文名称： SPP1 Antigen (Recombinant Protein)

别 名： OPN, BNSP, BSPI, ETA-1

储 存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 17-300 amino acids of human SPP1

技术规格

Full name:	secreted phosphoprotein 1
Synonyms:	OPN, BNSP, BSPI, ETA-1
Swissprot:	P10451
Gene Accession:	BC007016
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The protein encoded by this gene is involved in the attachment of osteoclasts to the mineralized bone matrix. The encoded protein is secreted and binds hydroxyapatite with high affinity. The osteoclast vitronectin receptor is found in the cell membrane and may be involved in the binding to this protein. This protein is also a cytokine that upregulates expression of interferon-gamma and interleukin-12. Several transcript variants encoding different isoforms have been identified.

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