

Recombinant Human Integrin-binding Sialoprotein, His-tagged

Cat. No. IBSP-2710H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human Bone Sialoprotein with C-terminal His-tag was expressed in <i>a human cell line</i> .
Species	Human
Source	Human Cells
Description	Bone sialoprotein (BSP) is a component of mineralized tissues such as bone, dentin, cementum and calcified cartilage. BSP is a significant component of the bone extracellular matrix and has been suggested to constitute approximately 8% of all non-collagenous proteins found in bone and cementum.
Purification	by affinity chromatography.
Storage Buffer	20 mM TRIS.
Purity	> 95% (SDS-PAGE), reduced band at 70-80 kDa.
Identity	Immuno-Blot with specific monoclonal Ab.
Contents	10 g / 100 g (lyophilized). Resuspend in aqua bidest for required concentration.
Store At	2-8 °C (lyophilized); - 20 °C (dissolved). Repeated thawing and freezing must be avoided.

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GENE INFORMATION

Gene Name	IBSP integrin-binding sialoprotein [Homo sapiens]
Synonyms	integrin-binding sialoprotein; BSP; BNSP; SP-II; BSP-II; IBSP; bone sialoprotein 2; BSP II; bone sialoprotein II; cell-binding sialoprotein; Cell-binding sialoprotein; Bone sialoprotein II
Gene ID	3381
mRNA Refseq	NM_004967
Protein Refseq	NP_004958
MIM	147563
UniProt ID	P21815
Chromosome Location	4q21-q25
Pathway	ECM-receptor interaction; Focal adhesion; Integrin cell surface interactions

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