

Datasheet for ABIN5713862

Osteopontin Protein (AA 17-290, partial) (His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	Osteopontin (SPP1)
Protein Characteristics:	AA 17-290, partial
Origin:	Mouse
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Osteopontin protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	LPVKVTDSGS SEEKLYSLHP DPIATWLVPD PSQKQNLLAP QNAVSSEEKD DFKQETLPSN SNESHDMDD DDDDDDDDGD HAESEDSVDS DESDESHSD ESDETVTAST QADTFTPIVP TVDVPNGRGD SLAYGLRSKS RSFQVSDEQY PDATDEDLTS HMKSGESKES LDVIPVAQLL SMPSDQDNNG KGSHESSQLD EPSLETHRLE HSKESQESAD QSDVIDSQAS SKASLEHQSH KFHSKDKLV LDPKSKEDDR YLKFRISHEL ESSS
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	Osteopontin (SPP1)
Alternative Name:	OSTP (SPP1 Products)

Target Details

Background:	Binds tightly to hydroxyapatite. Appears to form an integral part of the mineralized matrix. Probably important to cell-matrix interaction. Acts as a cytokine involved in enhancing production of interferon-gamma and interleukin-12 and reducing production of interleukin-10 and is essential in the pathway that leads to type I immunity.
Molecular Weight:	32.3 kDa
UniProt:	P10923
Pathways:	Regulation of Cell Size

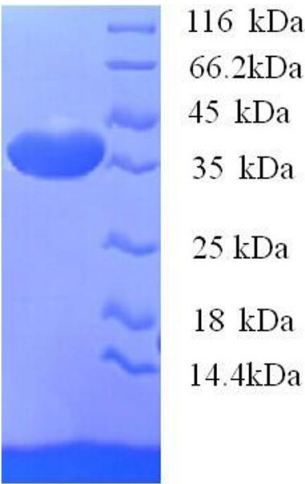
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1-2 mg/mL
Buffer:	20 mM Tris-HCl based buffer, pH 8.0
Storage:	-80 °C, 4 °C, -20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Images



SDS-PAGE

Image 1.