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Datasheet for ABIN7319749

**Periostin Protein (POSTN) (His tag)**

## Overview

Quantity:	100 µg
Target:	Periostin (POSTN)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Periostin protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Human POSTN Protein (His Tag)
Sequence:	Ala21-Leu365
Characteristics:	A DNA sequence encoding the Human POSTN (Q15063-1) (Ala21-Leu365) was expressed with a polyhistidine tag at the N-terminus.
Purity:	>85 % as determined by reducing SDS-PAGE.

## Target Details

Target:	Periostin (POSTN)
Alternative Name:	POSTN ( <a href="#">POSTN Products</a> )
Background:	Background: Periostin (POSTN,PN),originally named as osteoblast-specific factor 2 (OSF-2),is a 90- kDa secreted protein which is now classified as a matricellular protein. It is present in a wide variety of normal adult tissues and fetal tissues,and has a role in bone,tooth and heart development and function. Studies show that periostin is overexpressed in a broad range of

## Target Details

human cancer types,including lung,ovary,breast and colon cancers. Recent evidence reveals that periostin is expressed by fibroblasts in the normal tissue and in the stroma of the primary tumour,and it is required to allow cancer stem cell maintenance.

Synonym: Fasciclin-I like,MGC119510,MGC119511,OSF 2,OSF-2,OSF2,Osteoblast specific factor 2 (fasciclin I like),Osteoblast specific factor 2,Osteoblast specific factor,Osteoblast-specific factor 2,PDLPOSTN,Periodontal ligament specific periostin,Periostin,Periostin isoform thy2,Periostin isoform thy4,Periostin isoform thy6,Periostin isoform thy8,Periostin osteoblast specific factor,PN,POSTN,POSTN,RP11 412K4.1

Molecular Weight:	38 kDa
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## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from sterile 20 mM Tris,1 mM EDTA, pH 7.4
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Storage:	4 °C,-20 °C,-80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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