

RP00433

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Recombinant Human Periostin/OSF-2/POSTN Protein

Catalog No.: RP00433

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	10631	Q15063

Tags

C-His

Synonyms

OSF-2; OSF2; PDLPOSTN;
PN;POSTN;OSF2;PDLPOSTN;PN;periost
in

Product Information

Source	Purification
HEK293 cells	> 95% by SDS- PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL
method.

Formulation

Lyophilized from a 0.2 μm filtered
solution of 20 mM Tris, 150 mM NaCl,
pH8.0 .Contact us for customized
product form or formulation.

Reconstitution

Reconstitute to a concentration of
0.1-0.5 mg/mL in sterile distilled water.

Background

This protein belongs a secreted extracellular matrix protein that functions in tissue development and regeneration, including wound healing, and ventricular remodeling following myocardial infarction. The encoded protein binds to integrins to support adhesion and migration of epithelial cells. This protein plays a role in cancer stem cell maintenance and metastasis. Mice lacking this gene exhibit cardiac valve disease, and skeletal and dental defects. Alternative splicing results in multiple transcript variants encoding different isoforms.

Basic Information

Description

Recombinant Human Periostin/OSF-2/POSTN Protein is produced by Human Cell expression system. The target protein is expressed with sequence (Asn22-Gln836) of human Periostin(POSTN) (Accession #Q15063) fused with a 6×His tag at the C-terminus.

Bio-Activity

Storage

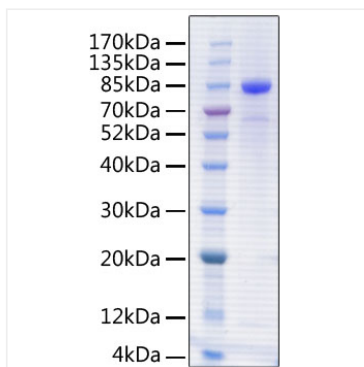
Store the lyophilized protein at -20°C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.
Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant protein Human Periostin(POSTN) was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 90 kDa.