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;periostin

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.

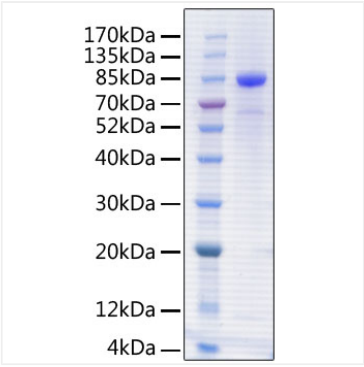
Bio-Activity

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.