

## Recombinant Mouse Postn, Isoform 5, Flag-tagged

**Cat. No.** Postn-458M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Mouse periostin (aa 24-783) (isoform 5) is fused at the C-terminus to a FLAG-tag.
<b>Species</b>	Mouse
<b>Source</b>	CHO
<b>ProteinLength</b>	24-783 a.a.
<b>Description</b>	<p>Periostin was originally isolated as an osteoblast-specific factor that functions as a cell adhesion molecule for pre-osteoblasts and is thought to be involved in osteoblast recruitment, attachment and spreading. Additionally, periostin expression has previously been shown to be significantly increased by both transforming growth factor beta1 (TGF-beta1) and bone morphogenetic protein 2 (BMP-2). Abnormal expression of Periostin is also linked to angiogenesis and metastasis in epithelial tumors.</p>
<b>Form</b>	Lyophilized. Contains PBS.
<b>Molecular Mass</b>	~85kDa
<b>Purity</b>	≥95% (SDS-PAGE)
<b>Stability</b>	Stable for at least 6 months after receipt when stored at -20°C.
<b>Storage</b>	Short Term Storage: +4°C; Long Term Storage: -20°C. After reconstitution, prepare

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aliquots and store at -20°C. Avoid freeze/thaw cycles. PBS containing at least 0.1% BSA should be used for further dilutions.

**Concentration** 0.1mg/ml after reconstitution.

## GENE INFORMATION

**Gene Name** Postn periostin, osteoblast specific factor [ *Mus musculus* ]

**Official Symbol** Postn

**Synonyms** POSTN; periostin, osteoblast specific factor; periostin; periostin-like factor; osteoblast-specific factor 2; osteoblast specific factor 2 (fasciclin I-like); PN; PLF; Osf2; peri; OSF-2; AI747096; A630052E07Rik;

**Gene ID** 50706

**mRNA Refseq** NM\_001198765

**Protein Refseq** NP\_001185694

**Function** heparin binding;

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