Recombinant Mouse Postn, Isoform 5, Flag-tagged

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

SPECIFICATION

Product Overview	Mouse periostin (aa 24-783) (isoform 5) is fused at the C-terminus to a FLAG-tag.
Species	Mouse
Source	CHO
ProteinLength	24-783 a.a.
Description	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.
Form	Lyophilized. Contains PBS.
Molecular Mass	~85kDa
Purity	≥95% (SDS-PAGE)
Stability	Stable for at least 6 months after receipt when stored at -20°C.
Storage	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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