

Recombinant Human POSTN Protein, MYC/DDK-tagged

Cat. No. POSTN-2610H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human POSTN protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes 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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	86.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	POSTN periostin, osteoblast specific factor [Homo sapiens]
Official Symbol	POSTN
Synonyms	OSF-2; OSF2; PDLPOSTN; PN
Gene ID	10631
mRNA Refseq	NM_001135934
Protein Refseq	NP_001129406
MIM	608777
UniProt ID	Q15063

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