

Product datasheet for **TP727252**

Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Periostin/OSF-2 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Asn22-Gln836
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0 .
Note:	Recombinant Human Osteoblast Specific Factor 2 is produced by our Mammalian expression system and the target gene encoding Asn22-Gln836 is expressed with a 6His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Synonyms:	Osteoblast-specific factor 2;OSF-2;POSTN; Periostin
Summary:	Osteoblast-Specific Factor OSF-2 (POSTN, Periostin, OSF-2) is a secreted, homodimeric protein that belongs to the periostin family of the FAS1 superfamily of molecules. Periostin is a disulfide linked 90kDa bone adhesion protein secreted by osteoblasts and osteoblast-like cell lines and the protein is an attachment agent for osteoblasts. It is a TGF-beta inducible molecule that serves as both an adhesion molecule and tumor suppressor. It is synthesized by smooth muscle cells, fibroblasts and osteoblasts, as well as in the periosteum and periodontal ligament. Periostin functions as a ligand for alpha-V/beta-3 and alpha-V/beta-5 integrins to support adhesion and migration of epithelial cells.



[View online »](#)