

## 32-8515: Recombinant Human Periostin/OSF-2 (C-6His)(Discontinued)

**Gene :** POSTN  
**Gene ID :** 10631  
**Uniprot ID :** Q15063

### Description

Source: Human Cells.  
MW :85.6kD.

Recombinant Human Osteoblast Specific Factor is produced by our Mammalian expression system and the target gene encoding Asn22-Gln836 is expressed with a 6His tag at the C-terminus. Periostin is a secreted, homodimeric protein that belongs to the periostin family of the FAS1 superfamily of molecules. 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM Tris,150mM NaCl,pH8.0 .  
Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks.  
**Storage condition :** 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.  
**Amino Acid :** NNHYDKILAHSRIRGRDQGNVICALQQILGTKKKYFSTCKNWKKSICGQKTTVLYECCPGYMRMEGMKGCPA  
VLPIDHVGTLGIVGATTTQRYSDASKLREEIEGKGSFTYFAPSNEAWDNLDSDIRRGLESNVNVELLNALHSH  
MINKRMLTKDLKNGMIIPSMYNNLGLFINHYPNGVVTVNCARIHGNQIATNGVVHVIDRVLTQIGTSIQDFIEAE  
DDLSSFRAAAITSDILEALGRDGHFTLFAPTNEAFEKLPVLERIMGDKVASEALMKYHILNLTQCSESIMGGA  
VFETLEGNTIEIGCDGDSITVNGIKMVNKKDIVTNNNGVIHLIDQVLIPDSAKQVIELAGKQQTTFDLVAQLGLAS  
ALRPDGEYTLAPVNNAFSDDTLMSDQRLKLLQNHILKVKVGLNELYNGQILETIGGKQLRVFVYRTAVCIENS  
CMEKGSQGRNGAIHFREIIPAEKSLHEKQDKRFSTFLSLEAADLKELLTQPGDWTLFVPTNDAFKGMTS  
EKEILIRDKNALQNIILYHLTPGVFIGKGFEPGVNLIKTTQGSKIFLKEVNDTLLVNELKSKESDIMTTNGVIHV  
DKLLYPADTPVGNQDQLEILNKLKIQIKFVRGSTFKEIPVTYTTKITKVVPEPKIVIEGSLQPIIKTEGPTLTKVKIE  
GEPEFRLIKEGETITEVIHGEPKIKYTKIIDGVPVEITEKETREERIITGPEIKYTRISTGGGETEETLKKLLQEEVTKV  
TKFIEGGDGHLEFDEEIKRLLQGDTPVRKLQANKKVQGSRRRLREGRSQVDHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.