

Periostin Human Recombinant, HEK

Item Number	rAP-2426
Synonyms	OSF-2, Periostin, Osteoblast Specific Factor 2, PN OSF-2, PDLPOSTN, POSTN, MGC119510, MGC119511, PN, RP11-412K4.1.
Description	Periostin Human Recombinant produced in HEK cells is a single, glycosylated, polypeptide chain (Asn22-Gln836) containing a total of 821 amino acids, having a calculated molecular mass of 91.8kDa and fused to a 6 aa His tag at C-Terminus.
Uniprot Accesion Number	Q15063
Amino Acid Sequence	NNHYDKILAH SRIRGRDQGP NVCALQQILG TKKKYFSTCK NWYKKSICGQ KTTVLYECCP GYM-RMEGMKG CPAVLPIDHV YGTLGIVGAT TTQRYSRASK LREEIEGKGS FTYFAPSNEA WDNLDSDIRR GLESNVNVEL LNALHSHMIN KRMLTKDLKN GMIIPSMYNN LGLFINHYPN GVVTVNCARI IHGNQIATNG VVHVIDRVLT QIGTSIQDFI EAEDDLSSFR AAAITSDILE ALGRDGHFTL FAPTNNEAFK LPRGVLERIM GDKVASEALM KYHILNTLQC SESIMGGAVF ETLEGNTIEI GCDGDSITVN GIKMVNKDI VTNNGVIHLI DQVLIPDSAK QVIELAGKQQ TTFTDLVAQL GLASALRPDG EYTLAPVNN AFSDDTLSMD QRLLKLILQN
Source	HEK 293.
Physical Appearance and Stability	Filtered White lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time.
Formulation and Purity	Periostin was filtered (0.4 µm) and lyophilized from 0.5mg/ml solution in phosphate buffered saline and 5% trehalose. Greater than 38.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. Periostin is not sterile! Please filter the product by an appropriate sterile filter before using
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**