

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 Accession Number | Q15063 |
| Amino Acid Sequence | NNHYDKILAH SRIRGRDQGP NVCALQQILG TKKKYFSTCK NWYKKSICGQ KTTVLYECCP GYM-RMEGMKG CPAVLPIDHV YGTLGIVGAT TTQRYSDASK LREEIEGKGS FTYFAPSNEA WDNLDSDIRR GLESNVNVEL LNALHSHMIN KRMLTKDLKN GMIIPSMYNN LGLFINHYPN GVVTVNCARI IHGNQIATNG VVHVIDRVLT QIGTSIQDFI EAEDDLSSFR AAAITSDILE ALGRDGHFTL FAPTNEAFEK LPRGVLERIM GDKVASEALM KYHILNTLQC SESIMGGAVF ETLEGNTIEI GCDGDSITVN GIKMVNKKDI VTNNGVIHLI DQVLIPDSAK QVIELAGKQQ TTFTDLVAQL GLASALRPDG EYLLAPVNN 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 i |
| 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 ender users! This product is sold for **Research Use Only**