

# Human Periostin Recombinant Protein



RPPB0851

## Product Information Protein Information

### Product SKU:

RPPB0851

### Accession:

Q15063

### Host:

HEK 293.

### Protein 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.

### Appearance:

Filtered White lyophilized (freeze-dried) powder.

### Synonyms:

OSF-2, Periostin, Osteoblast Specific Factor 2, PN OSF-2, PDLPOSTN, POSTN, MGC119510, MGC119511, PN, RP11-412K4.1.

### Formulation:

Periostin was filtered (0.4  $\mu$ m) and lyophilized from 0.5mg/ml solution in phosphate buffered saline and 5% trehalose.

### Purity:

Greater than 38.0% as determined by SDS-PAGE.

### 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 it in the cell culture.

### Stability:

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.

### Amino Acid Sequence:

NNHYDKILAH SRIRGRDQGP NVCALQQILG TKKKYFSTCK NWKYKSCGQ KTTVLYECCP GYMRMEGMKG  
CPAVLPIDHV YGTLGIVGAT TTQRYSDASK LREEIEGKGS FTYFAPSNEA WDNLSDIRRL GLESNVNVNEL  
LNALHSHMIN KRMLTKDLKN GMIIPSMYNN LGLFINHYPN GVVTVNCARI IHGNQIATNG VVHVIDRVLT  
QIGTSIQDFI EAEDDLSSFR AAAITSDILE ALGRDGHFTL FAPTNEAFK LPRGVLERIM GDKVASEALM  
KYHILNTLQC SESIMGGAVF ETLEGNTIEI GCDGDSITVN GIKMVNKKDI VTNNGVIHLI DQVLIPDSAK  
QVIELAGKQQ TTFTDLVAQL GLASALRPDG EYLLAPVNN AFSDDTLSDM QRLLKLILQN HILKVKVGLN  
ELYNGQILET IGGKQLRVFV YRTAVCIENS CMEKGSQKGR NGAIHIFREI IKPAEKSLEH KLKQDKRFST  
FLSLLEAADL KELLTQPGDW TLFVPTNDAF KGMTSEEKEI LIRDKNALQN ILYHLTPGV FIGKGFEPGV  
TNILKTTQGS KIFLKEVNDT LLVNELKSKE SDIMTTNGVI HVVDKLLYPA DTPVGNDQLL EILNKLKIYI  
QIKFVRG STF KEIPVTVYTT KIITKVVEPK IKVIEGSLQP IIKTEGPTLT KVKIEGEPEF RLIKEGETIT EVIHGEPIIK  
KYTKIIDGVP VEITEKETRE ERIITGPEIK YTRISTGGGE TEETLKLLQ EEVTKVTKFI EGGDGHLFED EEIKRLLQGD  
TPVRKLQANK KVQGSRRRLR EGRSQHHHHH H.