

# Human Periostin Recombinant Protein



RPPB0850

## Product Information Protein Information

**Product SKU:**

RPPB0850

**Accession:**

Q15063

**Host:**

Escherichia Coli.

**Protein description:**

The OSF2 His-Tagged Fusion Protein Human is produced in E. coli, and its molecular weight is 75 kDa protein containing 648 amino acid residues of the human OSF-2 and 23 additional amino acid residues - HisTag, Xa - cleavage site.

**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:**

Filtered (0.4 µm) and lyophilized from 0.5 mg/ml in 0.05M Acetate buffer pH-4.

**Purity:**

Greater than 90% as determined by SDS-PAGE.

**Solubility:**

It is recommended to add 0.1M Acetate buffer pH4 to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to a concentration of 10µg/ml. In higher concentrations the solubility of this antigen is limited. Product 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; it does not show any change after two weeks at 4°C.

**Amino Acid Sequence:**

MGHHHHHHHH HHSSGHIEGR HMRNNHYDKI LAHSRIRGRD QGPNVCALQQ ILGTKKKYFS TCKNWKYKSI  
CGQKTTVLYE CCPGYMRMEG MKGCPAVLPI DHVYGTGIV GATTTQRYSD ASKLREEIEG KGSFTYFAPS  
NEAWDNLDSD IRRGLESNVN VELLNALHSH MINKRMLTKD LKNGMIIPSM YNNLGLFINH YPNGVVTVNC  
ARIIHGNQIA TNGVVHVIDR VLTQIGTSIQ DFIEAEDDLS SFRAAAITSD ILEALGRDGH FTLFAPTNEA  
FEKLPARGVLE RFMGDKVASEALMKYHILNT LQCSSESIMGG AVFETLEGNT IEIGCDGDSI TVNGIKMVNK  
KDIVTNGVI HLIDQVLIPD SAKQVIELAG KQQTFTDLV AQLGLASALR PDGEYTLAP VNNAFSDDTL  
SMVQRLLKLI LQNHILKVKV GLNELYNGQI LETIGGKQLR VFVYRTAVCI ENSCMEKGSK QGRNGAIHIF  
REIIKPAEKS LHEKQDKR FSTFLSLEA ADLKELLTQP GDWTLFVPTN DAFKGMTSEE KEILIRDKNA  
LQNIILYHLT PGVFIGKFE PGVTNLIKTT QGSKIFLKEV NDTLLVNELK SKESDIMTTN GVIHVVDKLL  
YPADTPVGND QLLEILNKLI KYIQKFVIRG STFKEIPVTY Y.