



Human Periostin, His-Tag, FP

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

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order#	Lot#	Expiry Date
2 µg	1804.950.002		
10 µg	1804.950.010		
1 mg	1804.950.199		

Please enquire for bulk quantities and other vial sizes.

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.

- **Source** *E. coli*
- **Purity** ≥ 90 % (SDS-PAGE)
- **Endotoxin Level** ≤ 0.1 ng/µg (≤ 1 EU/µg)
- **Buffer** Filtered (0.4 µm) and lyophilized from 0.5 mg/ml in 0.05M Acetate buffer pH -4*
- **Physical State** Filtered white lyophilized (freeze-dried) powder

Reconstitution

It is recommended to add 0.1 M 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

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MGHHHHHHHH HHSSGHIEGR HMRNNHYDKI LAHSRIRGRD QGPNVCALQQ ILGTTKKKYFS TCKNWKYSI
CGQKTTVLYE CCPGYMRMEG MKGCPAVLPI DHVYGTGLGIV GATTTQRYSD ASKLREEIEG KGSFTYFAPS
NEAWDNLDS IRRGLESNVN VELLNALHSH MINKRMLTKD LKNGMIIPSM YNNLGLFINH YPNGVTVVNC
ARIIHGNQIA TNGVVHVIDR VLTQIGTSIQ DFIEAEDDLS SFRAAAITSD ILEALGRDGH FTLFAPTNEA
FEKLPRGVLE RFMGDKVASE ALMKYHILNT LQCSSEIMGG AVFETLEGNT IEIGCDGDSI TVNGIKMVNK
KDIVTNNNGVI HLIDQVLIPD SAKQVIELAG KQQTTFSDLV AQLGLASALR PDGEYTLAP VNNAFSDDTL
SMVQRLKLI LQNHLKVKV GLNELYNGQI LETIGGKQLR VFVYRTAVCI ENSCMEKGSK QGRNGAIHIF
REIIPAEKS LHEKQDKR FSTFLSLLEA ADLKELLTQP GDWTLFVPTN DAFKGMTSEE KEILIRDKNA
LQNIILYHLT PGVFIGKGF PGVTNLIKTT QGSKIFLKEV NDTLLVNELK SKESDIMTTN GVIHVVDKLL
YPADTPVGN QLLEILNKLI KYIQIKFVRG STFKEIPVTV Y

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Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.