

POSTN

Recombinant Human Periostin His

Catalog No.	CRP132A CRP132B CRP132C	Quantity:	2 µg 10 µg 1.0 mg
Description:	The Human OSF-2 His-Tagged Fusion Protein is produced in <i>E. coli</i> , MW= 75 kDa protein containing 648 amino acid residues of the human OSF-2 and 23 additional amino acid residues - HisTag, Xa - cleavage site.		
GenelD:	10631		
Source:	<i>E. coli</i>		
Formulation:	Sterile filtered and lyophilized from 0.5 mg/ml in 0.05 M Acetate buffer, pH 4.		
Purity:	>90% (SDS-PAGE analyzed).		
Specific Activity:	The amino acid sequence of the recombinant human OSF-2 is 100% homologous to the part of sequence 22-669 aa of the human OSF-2 without signal sequence.		
Amino Acid Sequence:	MGHHHHHHHH HHSSGHIEGR HMRNNHYDKI LAHSRIRGRD QGPNVCALQQ ILGTKKKYFS TCKNWKYSI CGQKTTVLYE CCPGYMRMEG MKGCPAVLPI DHVYGTGLIV GATTTQRYSD ASKLREEIEG KGSFTYFAPS NEAWDNLDSD IRRGLESNVN VELLNALHSH MINKRMLTKD LKNGMIIPSM YNNLGLFINH YPNGVTVNC ARIIHGNQIA TNGVVHVIDR VLTQIGTSIQ DFIEAEDDLS SFRAAAITSD ILEALGRDGH FTLFAPTNEA FEKLPRGVLE RFMGDKVASE ALMKYHILNT LQCSESIMGG AVFETLEGNT IEIGCDGDSI TVNGIKMVNK kDaIVTNGVI HLIDQVLIPD SAKQVIELAG KQQTTFDLV AQLGLASALR PDGEYTLAP VNNAFSDDTL SMVQRLLKLI LQNHILKVKV GLNELYNGQI LETIGGKQLR VFVYRTAVCI ENSCMEKGSK QGRNGAIHIF REIKPAEKS LHEKPKQDKR FSTFLSLLEA ADLKELLTQP GDWTLFVPTN DAFKGMTSEE KEILIRDKNA LQNIILYHLT PGVFIGKGF EPGVTNLIKTT QGSKIFLKEV NDTLLVNELK SKESDIMTTN GVHVVDKLL YPADTPVGND QLLEILNKLI KYIQIKFVRG STFKEIPVTV Y		
Reconstitution:	Add 0.2 ml of 0.1M Acetate buffer pH 4 and let the lyophilized pellet dissolve completely. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to a concentration of 10 µg/ml. In higher concentrations the solubility of this antigen is limited.		
Storage & Stability:	Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 2-4°C for a limited period of time; it does not show any change after two weeks at 2-4°C. The lyophilized protein remains stable until the expiration date when stored at -20°C.		

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