

Recombinant Human POSTN protein, His-tagged

Cat. No. POSTN-3919H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human POSTN protein(Q15063)(Asn22-Gln836) is expressed from HEK293 with His tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	22-836 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human Periostin, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Anti-Periostin Antibody, hFc Tag with the EC50 of 9.9ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 92.1 kDa. Due to glycosylation, the protein migrates to 93-100 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.

GENE INFORMATION

Gene Name POSTN periostin, osteoblast specific factor [Homo sapiens]

Official Symbol POSTN

Synonyms POSTN; periostin, osteoblast specific factor; periostin; OSF 2; PN; periostin isoform thy2; periostin isoform thy4; periostin isoform thy6; periostin isoform thy8; osteoblast-specific factor 2; periodontal ligament-specific periostin; osteoblast specific factor 2 (fasciclin I-like); OSF2; OSF-2; PDLPOSTN; RP11-412K4.1; MGC119510; MGC119511;

Gene ID 10631

mRNA Refseq NM_001135934

Protein Refseq NP_001129406

MIM 608777

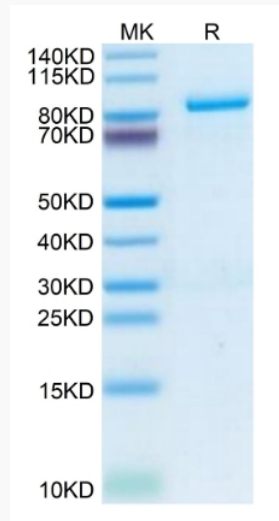
UniProt ID Q15063

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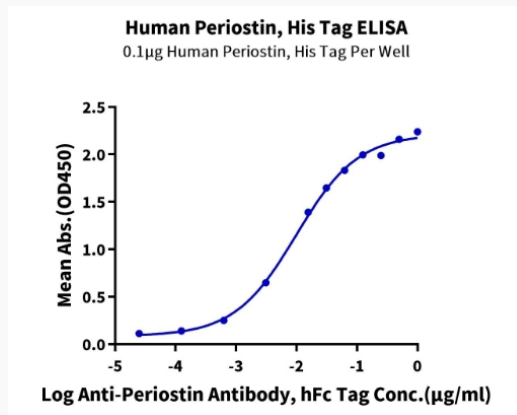
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Bis-Tris PAGE



ELISA Data



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