

Recombinant Human POSTN protein, GST-tagged

Cat. No. POSTN-1843H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human POSTN protein(473-669 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	473-669 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	MEKGSKQGRNGAIHIFREIIPAEKSLHEKQDKRFSTFLSLLEAADLKELLTQPGD WTLFVPTNDAFKGMTSEEKEILIRDKNALQNIILYHLTPGVFIGKGFEPGVNLIKTTQ GSKIFLKEVNDTLLVNELKSKESDIMTTNGVIHVVDKLLYPADTPVGNDQLEILNKLIK YIQIKFVRG STFKEIPVTVY
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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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