POSTN (Human) Recombinant Protein

Catalog # P9024 Size 2 x 10 ug

Specification

Product Description	Human POSTN (Q15063) recombinant protein with His tag at N-Terminus expressed in *Escherichia coli*.
Sequence	MGHHHHHHHHHHSSGHIEGRHMRNNHYDKILAHSRIRGRDQGPNVCALQQILGTKKKYFSTCKNW YKKSICGQKTTVLYECCPGYMRMEGMKGCPAVLPIDHVYGTLGIVGATTTQRYSDASKLREEIEGK GSFTYFAPSNEAWDNLDSDIRRGLESNVNVELLNALHSHMINKRMLTKDLKNGMIIPSMYNNLGLFI NHYPNGVVTVNCARIIHGNQIATNGVVHVIDRVLTQIGTSIQDFIEAEDDLSSFRAAAITSDILEALGRD GHFTLFAPTNEAFEKLPRGVLERFMGDKVASEALMKYHILNTLQCSESIMGGAVFETLEGNTIEIGC DGDSITVNGIKMVNKKDIVTNNGVIHLIDQVLIPDSAKQVIELAGKQQTTFTDLVAQLGLASALRPDG EYTLLAPVNNAFSDDTLSMVQRLLKLILQNHILKVKVGLNELYNGQILETIGGKQLRVFVYRTAVCIEN SCMEKGSKQGRNGAIHIFREIIKPAEKSLHEKLKQDKRFSTFLSLLEAADLKELLTQPGDWTLFVPT NDAFKGMTSEEKEILIRDKNALQNIILYHLTPGVFIGKGFEPGVTNILKTTQGSKIFLKEVNDTLLVNEL KSKESDIMTTNGVIHVVDKLLYPADTPVGNDQLLEILNKLIKYIQIKFVRGSTFKEIPVTVY.
Host	Escherichia coli
Theoretical MW (kDa)	75
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purity	> 90% by SDS PAGE
Storage Buffer	Lyophilized from 0.05M Acetate buffer pH-4.
Storage Instruction	Store at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles.

Applications

- SDS-PAGE

Gene Info — POSTN

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Entrez GeneID	10631
Protein Accession#	Q15063
Gene Name	POSTN
Gene Alias	MGC119510, MGC119511, OSF-2, PDLPOSTN, PN, RP11-412K4.1, periostin
Gene Description	periostin, osteoblast specific factor
Omim ID	608777
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	OTTHUMP00000018268|osteoblast specific factor 2 (fasciclin I-like)|periodontal ligament-specific periostin

Disease

- Alzheimer disease
- Breast cancer
- Breast Neoplasms
- Cardiovascular Diseases
- Diabetes Complications
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- HIV Infections
- Metabolic Syndrome X
- Neoplasms
- Osteoporosis

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