Periostin (POSTN) Recombinant Protein | POSTN recombinant protein

Recombinant Periostin (POSTN)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA134120	**E Coli**	**Mouse**	**Immunoprecipitation, Immunoprecipitation, ELISA, Western Blot, SDS-Page**

PRODUCT SYNONYMS

Periostin (POSTN); Recombinant Periostin (POSTN); POSTN recombinant protein

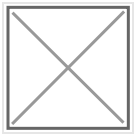
PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Mouse
Purity/Purification	>92%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300
Concentration	200ug/mL (varies by lot)
Applicable Applications for POSTN recombinant protein	IP (CoImmunoprecipitation), IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Source	Prokaryotic expression
Traits	Freeze-dried powder
Residues	Ser500~Leu630
Tags	N-terminal His-Tag
Tissue Specificity	Heart
Subcellular Location	Secreted, extracellular space, extracellular matrix
Predicted isoelectric point	6.3
Predicted Molecular Mass	15.9kDa
Accurate Molecular Mass	16kDa as determined by SDS-PAGE reducing conditions
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed.The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES

Application Data

SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	311771596
NCBI GeneID	50706
NCBI Accession #	NP_001185694.1
NCBI GenBank Nucleotide #	NM_001198765.1
UniProt Accession #	Q62009; Q8BMJ6; Q8K1K0
NCBI Official Full Name	periostin isoform 2
NCBI Official Synonym Full Names	periostin, osteoblast specific factor
NCBI Official Symbol	Postn
NCBI Official Synonym Symbols	PN; PLF; Osf2; peri; OSF-2; AI747096; A630052E07Rik
NCBI Protein Information	periostin; periostin-like factor; osteoblast-specific factor 2; osteoblast specific factor 2 (fasciclin I-like)
UniProt Protein Name	Periostin
UniProt Gene Name	**Postn**
UniProt Synonym Gene Names	Osf2; PN; OSF-2
UniProt Entry Name	POSTN_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/postn-recombinant-protein-e-coli-ip-coimmunoprecipitation-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134120