SunLong Biotech Co.,LTD
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Recombinant Periostin (POSTN)

Catalog Number: SIPH997Mu01 **Spec: 10ug**

Product Name	Recombinant Periostin (POSTN)
Catalog Number	SIPH997Mu01
Organism Species	Mouse
Source	Prokaryotic expression.
Host	E. coli
Residues	Ser500~Leu630
Tags	N-terminal His-Tag
Tissue Specificity	Heart.
Subcellular Location	Secreted, extracellular space, extracellular matrix.
Purity	>92%
Traits	Freeze-dried powder
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Original Concentration	200ug/mL
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling. (May be suitable for use in other assays to be determined by the end user.)
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.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8oC for one month.

Aliquot and store at -80oC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate

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was determined by accelerated thermal degradation test, that is, incubate the protein at 37oC 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.

[SEQUENCE]

S

LHDKLRQDKR FSIFLSLLEA ADLKDLLTQP GDWTLFAPTN DAFKGMTSEE
RELLIGDKNA LQNIILYHLT PGVYIGKGFE PGVTNILKTT QGSKIYLKGV
NETLLVNELK SKESDIMTTN GVIHVVDKLL

[IDENTIFICATION]

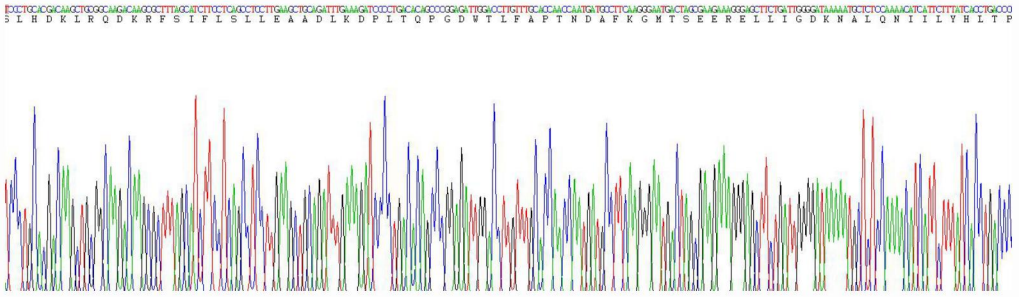


Figure 1. Gene Sequencing (Extract)

kDa

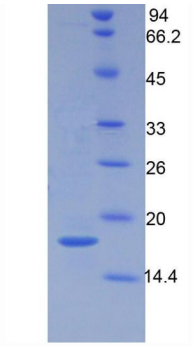


Figure 2. SDS-PAGE