SunLong Biotech Co.,LTD
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Recombinant Periostin (POSTN)

Catalog Number: SIPH997Hu03 **Spec: 10ug**

Product Name	Recombinant Periostin (POSTN)
Catalog Number	SIPH997Hu03
Organism Species	Human
Source	Prokaryotic expression
Host	E.coli
Residues	Gly234~Leu628
Tags	N-terminal His Tag
Subcellular Location	Secreted
Purity	> 90%
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Original Concentration	350μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	5.0
Predicted Molecular Mass	47.3kDa
Accurate Molecular Mass	47kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) 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 was determined

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by accelerated thermal degradation test, that is, incubate the protein at 37°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.

[SEQUENCE]

GTSIQDF IEAEDDLSSF
RAAAITSDIL EALGRDGHFT LFAPTNEAFE KLPRGVLERI MGDKVASEAL
MKYHILNTLQ CSESIMGGAV FETLEGNTIE IGCDGDSITV NGIKMVNKKD
IVTNNGVIHL IDQVLIPDSA KQVIELAGKQ QTTFTDLVAQ LGLASALRPD
GEYTLLAPVN NAFSDDTLSM DQRLLKLILQ NHILKVKVGL NELYNGQILE
TIGGKQLRVF VYRTAVCIEN SCMEKGSKQG RNGAIHIFRE IIKPAEKSLH
EKLKQDKRFS TFLSLLEAAD LKELLTQPGD WTLFVPTNDA FKGMTSEEKE
ILIRDKNALQ NIILYHLTPG VFIGKGFEPG VTNILKTTQG SKIFLKEVND
TLLVNELKSK ESDIMTTNGV IHVVDKLL

[IDENTIFICATION]

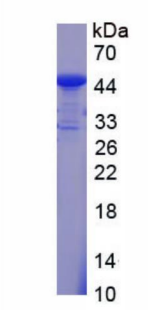


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.