

RPH339Hu03 10µg

Recombinant Periostin (POSTN)

Organism Species: *Homo sapiens* (Human)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

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 2-8°C for one month.

Aliquot and store at -80°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°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	KLPRGVLRI	MGDKVASEAL
MKYHILNTLQ	CSESIMGGAV	FETLEGNTIE	IGCDGDSITV	NGIKMVNKKD
IVTNGVIHL	IDQVLIPDSA	KQVIELAGKQ	QTTFTDLVAQ	LGLASALRPD
GEYTLAPVN	NAFSDDTISM	DQRLLKLILQ	NHILKVKVGL	NELYNGQILE
TIGGKQLRVF	VYRTAVCIEN	SCMEKGSKQG	RNGAIHIFRE	IIKPAEKSLH
EKLKQDKRFS	TFLSLLEAAD	LKELLTQPGD	WTLFVPTNDA	FKGMTSEEKE
ILIRDKNALQ	NIILYHLTPG	VFIGKGFEPG	VTNILKTTQG	SKIFLKEVND
TLLVNELKSK	ESDIMTTNGV	IHVVDKLL		

[IDENTIFICATION]

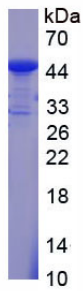


Figure. SDS-PAGE

[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.