

EPB337Hu61 100µg

Eukaryotic Elastin (ELN)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)



[PROPERTIES]

Source: Eukaryotic expression

Host: 293F cell

Residues: Gly392~Ala645

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 5% Trehalose.

Original Concentration: 50µg/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: 10.7

Predicted Molecular Mass: 23.5kDa

Accurate Molecular Mass: 23kDa 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]

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${\tt AGGFPGFGVG}$	VGGIPGVAGV	${\tt PGVGGVPGVG}$	GVPGVGISPE	AQAAAAAKAA
KYGVGTPAAA	AAKAAAKAAQ	${\tt FGLVPGVGVA}$	${\tt PGVGVAPGVG}$	VAPGVGLAPG
${\tt VGVAPGVGVA}$	${\tt PGVGVAPGIG}$	PGGVAAAAKS	AAKVAAKAQL	RAAAGLGAGI
${\tt PGLGVGVGVP}$	${\tt GLGVGAGVPG}$	LGVGAGVPGF	GAVPGALAAA	KAAKYGAAVP
GVLGGLGALG	GVGIPGGVVG	AGPAAAAAAA	KAAAKAAQFG	LVGAA

[IDENTIFICATION]

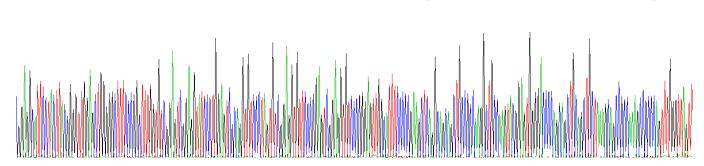


Figure . Gene Sequencing (extract)

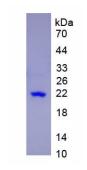


Figure. SDS-PAGE

[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.