

Recombinant Heparan Sulfate Proteoglycan (HSPG) Instruction Manual

SIPA813Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	15.2kDa
Accurate Molecular Mass	23kDa(Analysis of differences refer to the manual)
Residues & Tags	Glu19~Glu144 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	4.7
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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ES RAE L T S D K D M Y L D N S S I E E A S G V Y P I D D D D  
Y A S A S G S G A D E D V E S P E L T T S R P L P K I L L T S A A P K V E T T T L N I Q N K I P A Q  
T K S P E E T D K E K V H L S D S E R K M D P A E E D T N V Y T E K H S D S L F K R T E
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USAGE

Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.

Image

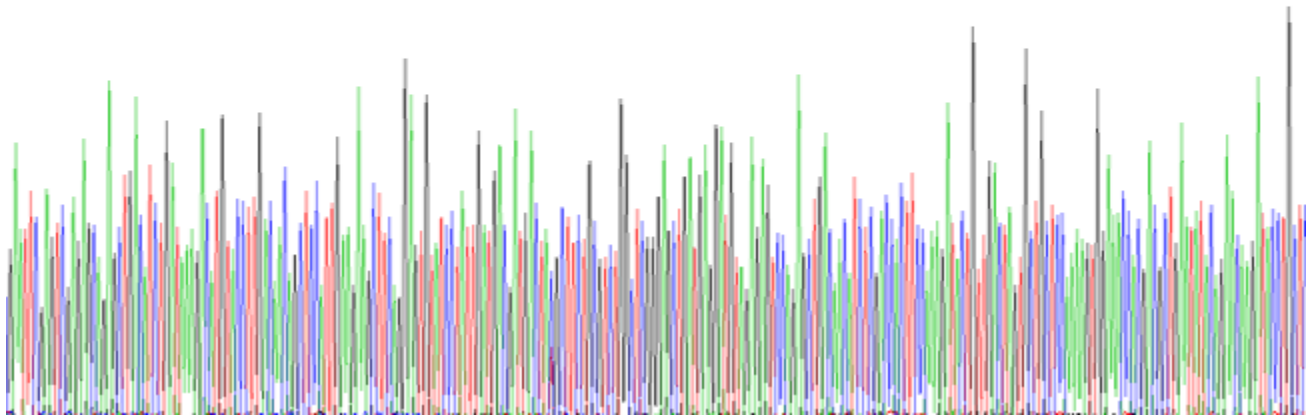


Figure. SDS-PAGE

[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.