

Recombinant Heparanase (HPSE) Instruction Manual

SIPA166Hu04

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane, Nucleus, Secreted, Lysosome
Predicted Molecular Mass	48.0kDa
Accurate Molecular Mass	48kDa(Analysis of differences refer to the manual)
Residues & Tags	Leu151~Ile543 with N-terminal His Tag
Buffer Formulation	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	10.0
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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LLREHYQKKF KNSTYSRSSV DVLYTFANCS GLDLIFGLNA LLRTADLQWN  
SSNAQLLLDY CSSKGYNISW ELGNEPNSFL KKADIFINGS QLGEDFIQLH  
KLLRKSTFKN AKLYGPDVGQ PRRKTAKMLK SFLKAGGEVI DSVTWHHYL  
NGRTATKEDF LNPVLDIFI SSVQKVFQVV ESTRPGKKVW LGETSSAYGG  
GAPLLSDTFA AGFMWLDKLG LSARMGIEVV MRQVFFGAGN YHLVDENFDP  
LPDYWLSLLF KKLVGTKVLM ASVQGSKRRK LRVYLHCTNT DNPRYKEGDL  
TLYAINLHNV TKYLRLPYPF SNKQVDKYLL RPLGPHGLLS KSVQLNGLTL  
KMVDDQTLPP LMEKPLRPGS SLGLPAFSYS FFVIRNAKVA ACI
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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

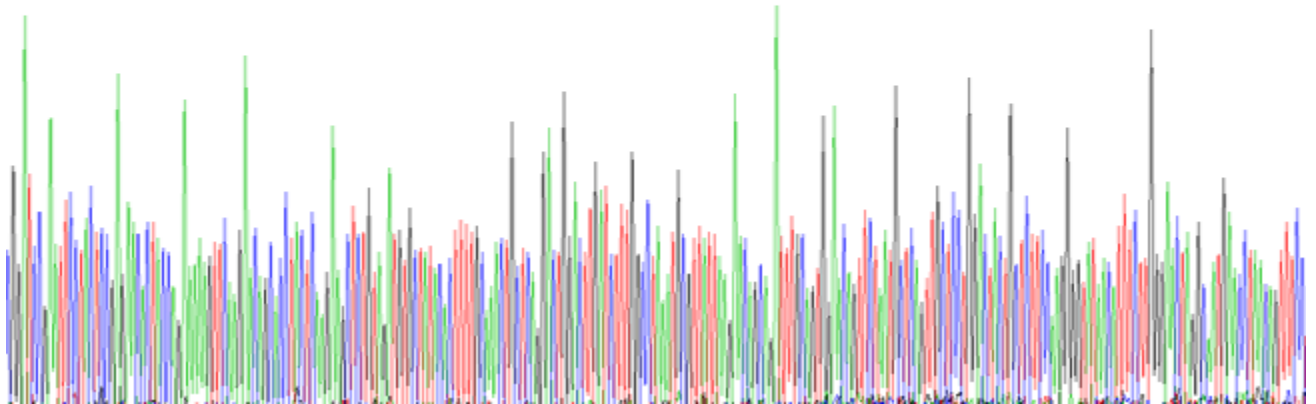


Figure. SDS-PAGE

[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.