

Heparanase (HPSE) Recombinant Protein | HPSE recombinant protein

Recombinant Heparanase (HPSE)

CATALOG # AAA150674	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-----------------------	---

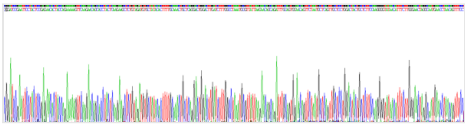
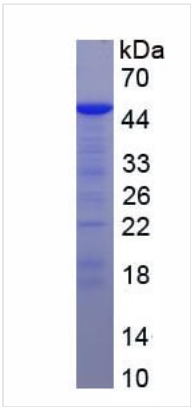
PRODUCT SYNONYMS

Heparanase (HPSE); Recombinant Heparanase (HPSE); Heparanase; HPA; HPR1; HPSE1; HSE1; Endo-glucuronidase; HPSE recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>90%
Form/Format	Freeze-dried powder 100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Leu151~Ile 543
Applicable Applications for HPSE recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Species	Human
Tag	N-terminal His Tag
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	10
Subcellular Location	Membrane, Nucleus, Secreted, Lysosome
Usage	Reconstitute in ddH ₂ O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. 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 degree 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.

IMAGES



Gene Sequence
Figure. Gene Sequencing (extract)

SDS-PAGE
Figure. SDS-PAGE

```
LLREHYQKKF  KNSTYSRSSV  DVLYTFANCS  GLDLIFGLNA  LLRTADLQWN
SSNAQLLLDY  CSSKGYNISW  ELGNPNISFL  KKADIFINGS  QLGEDFIQLH
KLLRKSTFKN  AKLYGPDVGQ  PRRKTAKMLK  SFLKAGGEVI  DSVTHHHYYL
NGRTATKEDF  LNPDLIDIFI  SSVQKVQVQV  ESTRPGKKVN  LGETSSAYGG
GAPLLSDTFA  AGFMWLDKLG  LSARMGIEVV  MRQVFFGAGN  YHLVDENFDP
LPDYWLSLLF  KKLVGTKVLM  ASVQGSKRRK  LRVYLHCTNT  DNPRYKEGDL
TLYAINLHNV  TKYLRLPYPF  SNKQVDKYLL  RPLGPHGLLS  KSVQLNGLTL
KMWDDQTLPP  LMEKPLRPGS  SLGLPAFSYS  FFVIRNAKVA  ACI
```

Sequence

ADDITIONAL INFORMATION

Product Categories/Family for HPSE recombinant protein	Enzyme & Kinase; Recombinant proteins/RP
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	5880863
NCBI GeneID	10855
UniProt Accession #	Q9Y251; Q53GE5; Q9UL39; A9JIG7; C7F7I3; E9PCA9; E9PGR1
Molecular Weight	61,149 Da
NCBI Official Full Name	heparanase
NCBI Official Synonym Full Names	heparanase
NCBI Official Symbol	HPSE
NCBI Official Synonym Symbols	HPA; HPA1; HPR1; HSE1; HPSE1
NCBI Protein Information	heparanase; heparanase-1; endo-glucuronidase
UniProt Protein Name	Heparanase
UniProt Gene Name	HPSE
UniProt Synonym Gene Names	HEP; HPA; HPA1; HPR1; HPSE1; HSE1; Hpa1
UniProt Entry Name	HPSE_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.