

RPPB1821

Product Information Protein Information

Product SKU:

RPPB1821

Accession:

Q9Y251

Host:

Escherichia Coli.

Protein description:

HPSE Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 531 amino acids (36-543 a.a) and having a molecular mass of 60kDa. HPSE is fused to a 23 amino acid His-tag at N-terminus.

Appearance:

Sterile Filtered clear solution.

Synonyms:

Heparanase, HPA, HSE1, HPA1, HPR1, HPSE1, heparanase-1, EC 3.2.1.166, Endo-glucuronidase, HEP, Heparanase-1, Hpa1.

Formulation:

HPSE protein solution (1mg/ml) containing 20mM Tris-HCl (pH 8.0), 10% glycerol and 0.4M Urea.

Purity:

Greater than 85% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SSSLVPRGSH MGSQDVVDLD FFTQEPLHLV SPSFSLVTID ANLATDPRFL ILLGSPKLRT
LARGLSPAYL RFGGKTDFL IFDPKKESTF EERSYWQSQV NQDICKYGSI PPDVEEKLRL EWPYQEQLLL
REHYQKKFKN STYSRSSVDV LYTFANCSGL DLIFGLNALL RTADLQWNSS NAQLLLDYCS SKGYNISWEL
GNEPNSFLKK ADIFINGSQL GEDFIQLHKL LRKSTFKNAK LYGPDVGOQR RKTAKMLKSF LKAGGEVIDS
VTWHHYLNG RTATKEDFLN PDVLDIFISS VQKVFQVVE TRPGKKVWLG ETSSAYGGGA PLLSDTFAAG
FMWLDKLGSL ARMGIEVVMR QVFFGAGNYH LVDENFDPLP DYWLSLLFKK LVGTVLMS VQGSKRRLR
VYLHCTNTDN PRYKEGDLTL YAINLHNVTK YLRLPYPSN KQVDKYLRLP LGPHGLLSKS VQLNGLTLKM
VDDQTLPLM EKPLRPGSSL GLPAFSYSFF VIRNAKVAAC I.