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HPSE, 36-543aa Human, His tag, E.coli

产品货号: TP02498

第三版

**别名:** Heparanase isoform 1 preproprotein, Heparanase, HPA, HPA1, HPR1, HPSE1, HSE1

**描述:** Heparan sulfate proteoglycans are major components of the basement membrane and extracellular matrix. HPSE is an enzyme that cleaves heparan sulfate proteoglycans to permit cell movement through remodeling of the extracellular matrix. In addition, this cleavage can release bioactive molecules from the extracellular matrix. Recombinant human HPSE protein, fused to His-tag at N-terminus, was expressed in E.coli .

**配方:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea

**分子量:** 60.0 kDa (531aa)

**序列:**

MGSSHHHHHHSSGLVPRGSHMGSDVVDLDFFTQEPLHLVSPSFLSVTIDANLATDPRFLILLGSPKLRTLARGLSPAYLRF  
GGTKDFLIFDPKKESTFEERSYWQSQVNQDICKYGSIPPDVEEKLRLWPYQEQLLREHYQKKFKNSTYSRSSVDVLYTF  
ANCSGLDLIFGLNALLRTADLQWNSSNAQLLLDYCSSKGYNISWELGNPNFLKADIFINGSQLGEDFIQLHKLLRKSTFK  
NAKLYGPDVGGPRRKTAKMLKSFLKAGGEVIDSVTWHHYLNGRTATKEDFLNPDVLDIFISSVQKVFQVVESTPRGKKV  
WLGETSSAYGGGAPLLSDTFAAGFMWLDKLGSLARMGIEVVMRQVFFGAGNYHLVDENFDPLPDYWLSLLFKKLVGTVK  
LMASVQGSKRRLRVYLHCTNTDNPRYKEGDLTYAINLHNVTKYLRPLPYFNSNKQVDKYLLRPLGPHGLLSKSVQLNGL  
TLKMVDDQTLPLMEKPLRPGSSLGLPAFSYSFFVIRNAKVAACI

**纯度:** > 95% by HPLC

**浓度:** 1.0 mg/ml (determined by Bradford assay)

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.