

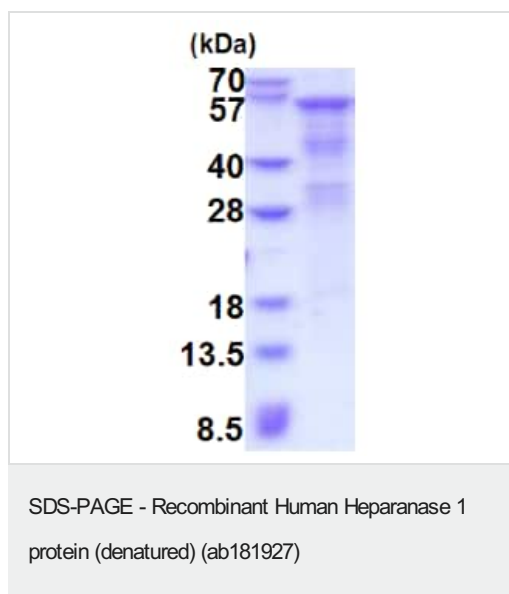
# Recombinant Human Heparanase 1 protein (denatured)

## ab181927

1 图像

描述	
产品名称	重组人Heparanase 1蛋白(denatured)
纯度	> 85 % SDS-PAGE.
表达系统	Escherichia coli
Accession	<u>Q9Y251</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHH SSGLVPRGSH MGSQDVVDLD FFTQEPLHLV SPSFLSVTID ANLATDPRFL ILLGSPKLRT LARGLSPAYL RFGGTKTDFL IFDPKKESTF EERSYWQSQV NQDICKYGSI PPDVEEKLRL EWPYQEQLLL REHYQKKFKN STYSRSSVDV LYTFANCSSL DLIFGLNALL RTADLQWNSS NAQLLLDYCS SKGYNISWEL GNEPNSFLKK ADIFINGSQL GEDFIQLHKL LRKSTFKNAK LYGPDVGQPR RKTAKMLKSF LKAGGEVIDS VTWHHYLNG RTATKEDFLN PDVLDIFISS VQKVFQVVES TRPGKKVWLG ETSSAYGGGA PLLSDTFAAG FMWLDKLGSL ARMGIEVVMR QVFFGAGNYH LVDENFDPLP DYWLSLLFKK LVGTVLMLAS VQGSKRRKLR VYLHCTNTDN PRYKEGDLTL YAINLHNVTK YLRLPYPFSN KQVDKYLLRP LGPHGLLSKS VQLNGLTLKM VDDQTLPLPM EKPLRPGSSL GLPAFSYSFF VIRNAKVAAC I
预测分子量	60 kDa including tags
氨基酸	36 to 543
标签	His tag N-Terminus
额外的序列信息	NCBI Accession No. NP_006656.

描述	重组人Heparanase 1蛋白
技术指标	<p>Our <b>Abpromise guarantee</b> covers the use of <b>ab181927</b> in the following tested applications.</p> <p>The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.</p>
应用	SDS-PAGE
形式	Liquid
制备和贮存	
稳定性和存储	<p>Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.</p> <p>pH: 8.00</p> <p>Constituents: 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 2.4% Urea</p>
常规信息	
功能	Endoglycosidase which is a cell surface and extracellular matrix-degrading enzyme. Cleaves heparan sulfate proteoglycans (HSPGs) into heparan sulfate side chains and core proteoglycans. Also implicated in the extravasation of leukocytes and tumor cell lines. Due to its contribution to metastasis and angiogenesis, it is considered to be a potential target for anti-cancer therapies.
组织特异性	Highly expressed in placenta and spleen and weakly expressed in lymph node, thymus, peripheral blood leukocytes, bone marrow, endothelial cells, fetal liver and tumor tissues.
序列相似性	Belongs to the glycosyl hydrolase 79 family.
翻译后修饰	<p>Proteolytically processed. The cleavage of the 65 kDa form leads to the generation of a linker peptide, 8 kDa and 50 kDa product. The active form, the 8/50 kDa heterodimer, is resistant to degradation. Complete removal of the linker peptide appears to be a prerequisite to the complete activation of the enzyme.</p> <p>N-glycosylated. Glycosylation of the 50 kDa subunit appears to be essential for its solubility.</p>
细胞定位	Lysosome membrane. Secreted. Secreted, internalised and transferred to late endosomes/lysosomes as a proheparanase. In lysosomes, it is processed into the active form, the heparanase. The uptake or internalisation of proheparanase is mediated by HSPGs. Heparin appears to be a competitor and retain proheparanase in the extracellular medium.
图片	



15% SDS-PAGE analysis of ab181927 (3 $\mu$ g)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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