

Recombinant Human Angiogenin protein (denatured) ab177677

1 图像

描述	
产品名称	重组人Angiogenin蛋白(denatured)
纯度	> 90 % SDS-PAGE.
表达系统	Escherichia coli
Accession	P03950
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHH SSGLVPRGSH MQDNSRYTHF LTQHYDAKPQ GRDDRYCESI MRRRGLTSPC KDINTFIHGN KRSIKAICEN KNGNPHRENL RISKSSFQVT TCKLHGGSPW PPCQYRATAG FRNVVVACEN GLPVHLDQSI FRRP
预测分子量	16 kDa including tags
氨基酸	25 to 147
标签	His tag N-Terminus
额外的序列信息	Mature protein. NP_001136.

技术指标	
Our Abpromise guarantee covers the use of ab177677 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	SDS-PAGE
形式	Liquid

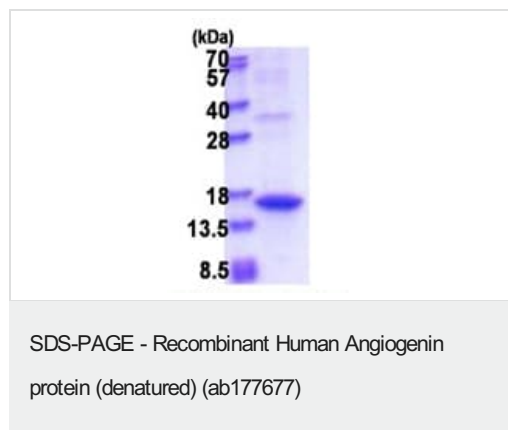
制备和贮存	
稳定性和存储	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8.00

Constituents: 0.32% Tris HCl, 2.4% Urea, 10% Glycerol (glycerin, glycerine)

常规信息

功能	May function as a tRNA-specific ribonuclease that abolishes protein synthesis by specifically hydrolyzing cellular tRNAs. Binds to actin on the surface of endothelial cells; once bound, angiogenin is endocytosed and translocated to the nucleus. Angiogenin induces vascularization of normal and malignant tissues. Angiogenic activity is regulated by interaction with RNH1 in vivo.
组织特异性	Expressed predominantly in the liver. Also detected in endothelial cells and spinal cord neurons.
疾病相关	Defects in ANG are the cause of susceptibility to amyotrophic lateral sclerosis type 9 (ALS9) [MIM:611895]. ALS is a degenerative disorder of motor neurons in the cortex, brain stem and spinal cord. ALS is characterized by muscular weakness and atrophy.
序列相似性	Belongs to the pancreatic ribonuclease family.
发展阶段	Low level expression in the developing fetus, increased in the neonate, and maximal in the adult.
细胞定位	Secreted.

图片



15% SDS-PAGE analysis of ab177677 (3μg).

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

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