

Product datasheet

Recombinant Human Ephrin A1 protein (denatured) ab113867

1 图像

描述		
产品名称	重组人Ephrin A1蛋白(denatured)	
纯度	> 90 % SDS-PAGE.	
表达系统	Escherichia coli	
Accession	<u>P20827</u>	
蛋白长度	Full length protein	
无动物成分	No	
性质	Recombinant	
种属	Human	
序列	MGSSHHHHHHSSGLVPRGSHMDRHTVFWNSSNPKFRNEDYTI HVQLNDYV DIICPHYEDHSVADAAMEQYILYLVEHEEYQLCQPQSKDQVR WQCNRPSA KHGPEKLSEKFQRFTPFTLGKEFKEGHSYYYISKPIHQHEDR CLRLKVTV SGKITHSPQAHVNPQEKRLAADDPEVRVLHSIGHS	
预测分子量	22 kDa including tags	
氨基酸	19 to 182	
标签	His tag N-Terminus	
描述	重组人Ephrin A1蛋白	

技术指标		
Our <b>Abpromise guarantee</b> covers the use of <b>ab113867</b> 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: 2.4% Urea, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine)

## 常规信息

### 功能

Plays an important role in angiogenesis and tumor neovascularization. The recruitment of VAV2, VAV3 and PI3-kinase p85 subunit by phosphorylated EPHA2 is critical for EFNA1-induced RAC1 GTPase activation and vascular endothelial cell migration and assembly (By similarity). Exerts anti-oncogenic effects in tumor cells through activation and down-regulation of EPHA2. Activates EPHA2 by inducing tyrosine phosphorylation which leads to its internalization and degradation. Acts as a negative regulator in the tumorigenesis of gliomas by down-regulating EPHA2 and FAK. Can evoke collapse of embryonic neuronal growth cones.

### 组织特异性

Brain. Down-regulated in primary glioma tissues compared to the normal tissues. The soluble monomeric form is expressed in the glioblastoma multiforme (GBM) and breast cancer cells (at protein level).

### 序列相似性

Belongs to the ephrin family.

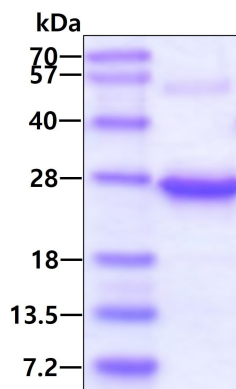
### 翻译后修饰

Undergo proteolysis by a metalloprotease to give rise to a soluble monomeric form.

### 细胞定位

Secreted and Cell membrane.

## 图片



3ug by SDS-PAGE under reducing conditions and visualized by coomassie blue stain.

SDS-PAGE - Recombinant Human Ephrin A1  
protein (denatured) (ab113867)

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

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery

- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

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