

Recombinant Human PAC-2 protein ab113597

1 图像

描述	
产品名称	重组人PAC-2蛋白
纯度	> 90 % SDS-PAGE. ab113597 was purified using conventional chromatography.
表达系统	Escherichia coli
Accession	<u>Q969U7</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	<div>MGSSHHHHH SSGLVPRGSH MGSMFVPCGE</div> <div>SAPDLAGFTL LMPAVSVGNV GQLAMDLIIS</div> <div>TLNMSKIGYF YTDCLVPMVG NNPYATTEGN</div> <div>STELSINAEV YSLPSRKLVA LQLRSIFIKY</div> <div>KSKPFCEKLL SWVKSSGCAR VIVLSSSHSY</div> <div>QRNDLQLRST PFRYLLTPSM QKSVQNKIKS</div> <div>LNWEEMEKSRI CIPEIDDSEF CIRIPGGGIT</div> <div>KTLYDESCSK EIQMAVLLKF VSEGDNIPDA</div> <div>LGLVEYLNEW LQILKPLSDD PTVSASRWKI</div> <div>PSSWRLLFGS GLPPALF</div>
预测分子量	32 kDa including tags
氨基酸	1 to 264
标签	His tag N-Terminus

技术指标	
Our Abpromise guarantee covers the use of ab113597 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
	Mass Spectrometry
质谱法	MALDI-TOF
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, 40% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

常规信息

功能

Chaperone protein which promotes assembly of the 20S proteasome as part of a heterodimer with PSMG1. The PSMG1-PSMG2 heterodimer binds to the PSMA5 and PSMA7 proteasome subunits, promotes assembly of the proteasome alpha subunits into the heteroheptameric alpha ring and prevents alpha ring dimerization.

组织特异性

Widely expressed with highest levels in lung, brain and colon. Moderately expressed in muscle, stomach, spleen and heart. Weakly expressed in small intestine, pancreas and liver. Highly expressed in hepatocellular carcinomas with low levels in surrounding liver tissue.

序列相似性

Belongs to the PSMG2 family.

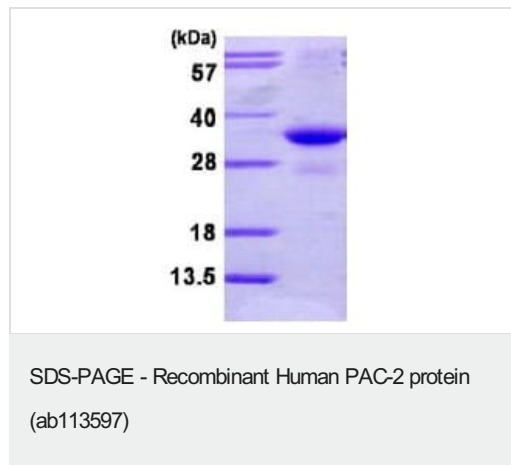
翻译后修饰

Degraded by the proteasome upon completion of 20S proteasome maturation.

细胞定位

Nucleus.

图片



15% SDS-PAGE analysis of ab113597 (3µg)

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