

Recombinant Human Secretogranin V protein ab100887

1 图像

描述	
产品名称	重组人Secretogranin V蛋白
纯度	> 85 % SDS-PAGE. ab100887 is purified using conventional chromatography techniques.
表达系统	Escherichia coli
Accession	P05408
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	M Y S P R T P D R V S E A D I Q R L L H G V M E Q L G I A R P R V E Y P A H Q A M N L V G P Q S I E G G A H E G L Q H L G P F G N I P N I V A E L T G D N I P K D F S E D Q G Y P D P P N P C P V G K T A D D G C L E N T P D T A E F S R E F Q L H Q H L S D P E H D Y P G L G K W N K K L L Y E K M K G G E R R K R R S V N P Y L Q G Q R L D N V V A K K S V P H F S D E D K D P E L E H H H H H H
预测分子量	22 kDa including tags
氨基酸	27 to 212
标签	His tag C-Terminus
技术指标	
Our Abpromise guarantee covers the use of ab100887 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	Mass Spectrometry SDS-PAGE
质谱法	MALDI-TOF
形式	Liquid
制备和贮存	

稳定性和存储

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 0.00174% PMSF, 0.0154% DTT, 0.316% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

常规信息

功能

Acts as a molecular chaperone for PCSK2/PC2, preventing its premature activation in the regulated secretory pathway. Binds to inactive PCSK2 in the endoplasmic reticulum and facilitates its transport from there to later compartments of the secretory pathway where it is proteolytically matured and activated. Also required for cleavage of PCSK2 but does not appear to be involved in its folding. Plays a role in regulating pituitary hormone secretion. The C-terminal peptide inhibits PCSK2 in vitro.

序列相似性

Belongs to the 7B2 family.

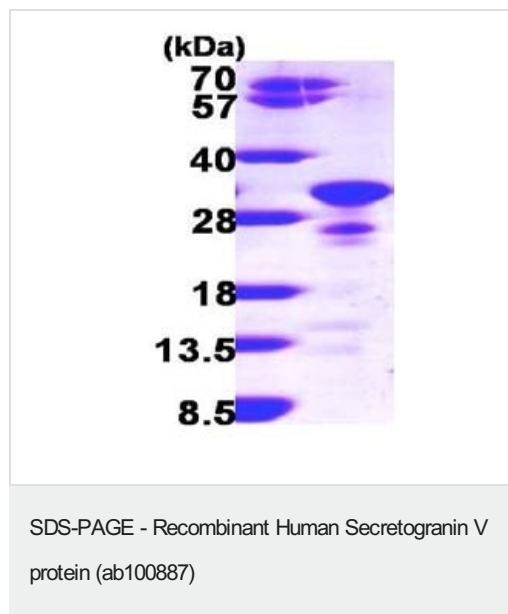
翻译后修饰

Proteolytically cleaved in the Golgi by a furin-like convertase to generate bioactive peptides. Sulfated on tyrosine residues.

细胞定位

Secreted. Neuroendocrine and endocrine secretory granules.

图片



ab100887 (3 µg) on an SDS-PAGE gel (15 %).

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

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