abcam

Product datasheet

Recombinant Human Uroplakin III protein ab115705

1 图像

描述

产品名称	重组人Uroplakin Ⅲ蛋白
纯度	> 90 % SDS-PAGE. ab115705 is purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.
表达系统	Escherichia coli
Accession	O75631
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHHSSGLVPRGSHMGSHMVNLQPQLASVTFATNNP TLTTVALE KPLCMFDSKEALTGTHEVYLYVLVDSAISRNASVQDSTNTPL GSTFLQTE GGRTGPYKAVAFDLIPCSDLPSLDAIGDVSKASQILNAYLVR VGANGTCL WDPNFQGLCNPPLSAATEYRFKYVLVNMSTGLVEDQTLWSDP IRTNQLTP YSTIDTWPGRRSGG
预测分子量	23 kDa including tags
氨基酸	19 to 207
标签	His tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab115705** 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: 0.03% DTT, 0.32% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.88% Sodium chloride

常规信息

功能

Component of the asymmetric unit membrane (AUM); a highly specialized biomembrane elaborated by terminally differentiated urothelial cells. May play an important role in AUM-cytoskeleton interaction in terminally differentiated urothelial cells. It also contributes to the formation of urothelial glycocalyx which may play an important role in preventing bacterial adherence.

组织特异性

Expressed in ureter.

疾病相关

Defects in UPK3A are a cause of renal adysplasia (RADYS) [MIM:191830]; also known as renal agenesis or renal aplasia. Renal agenesis refers to the absence of one (unilateral) or both (bilateral) kidneys at birth. Bilateral renal agenesis belongs to a group of perinatally lethal renal diseases, including severe bilateral renal dysplasia, unilateral renal agenesis with contralateral dysplasia and severe obstructive uropathy.

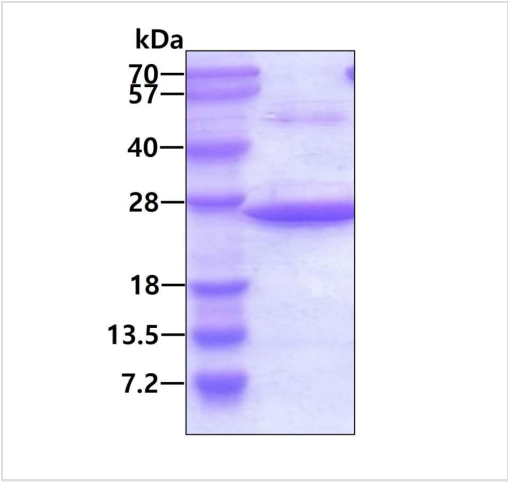
序列相似性

Belongs to the uroplakin-3 family.

细胞定位

Endoplasmic reticulum membrane. Heterodimer formation with UPK1B is a prerequisite to exit out of the endoplasmic reticulum (ER).

图片



SDS-PAGE - Recombinant Human Uroplakin III protein (ab115705)

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

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- We investigate all quality concerns to ensure our products perform to the highest standards

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