

Recombinant Human ADAMTSL3 protein ab127140

描述

产品名称	重组人ADAMTSL3蛋白
纯度	> 80 % SDS-PAGE. Purified via His tag
表达系统	Escherichia coli
Accession	<u>P82987</u>
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
预测分子量	29 kDa
氨基酸	529 to 788
标签	His-DHFR tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab127140** 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	Lyophilized

制备和贮存

稳定性和存储	Shipped at 4°C. Store at -20°C. Constituents: 0.32% Tris HCl, 0.58% Sodium chloride
复溶	Reconstitute with water to desired concentration.

常规信息

组织特异性	Expressed in epithelial cells of the colon, fallopian tube, skin, breast, prostate, epididymis, liver, pancreatic islets and bile ducts, as well as by vascular endothelial cells, smooth muscle cells, fibroblasts, cortical and ganglionic neurons and cardiac myocytes. Also expressed by malignant
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epithelial cells in colon cancer, as well as breast, prostate, renal and skin tumors. Expression is significantly reduced in colon cancer compared to normal colon.

序列相似性

Contains 3 Ig-like C2-type (immunoglobulin-like) domains.
Contains 1 PLAC domain.
Contains 10 TSP type-1 domains.

翻译后修饰

Glycosylated (By similarity). Can be O-fucosylated by POFUT2 on a serine or a threonine residue found within the consensus sequence C1-X(2)-(S/T)-C2-G of the TSP type-1 repeat domains where C1 and C2 are the first and second cysteine residue of the repeat, respectively. Fucosylated repeats can then be further glycosylated by the addition of a beta-1,3-glucose residue by the glucosyltransferase, B3GALTL. Fucosylation mediates the efficient secretion of ADAMTS family members. Also can be C-glycosylated with one or two mannose molecules on tryptophan residues within the consensus sequence W-X-X-W of the TPRs, and N-glycosylated. These other glycosylations can also facilitate secretion.

细胞定位

Secreted, extracellular space, extracellular matrix.

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