

## Product datasheet

# Recombinant Human ADAMTSL3 protein ab127140

### Description

<b>Product name</b>	Recombinant Human ADAMTSL3 protein
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<a href="#">P82987</a>
<b>Protein length</b>	Protein fragment
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Predicted molecular weight</b>	29 kDa
<b>Amino acids</b>	529 to 788
<b>Tags</b>	His-DHFR tag N-Terminus

### Specifications

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.

<b>Applications</b>	SDS-PAGE
<b>Form</b>	Lyophilised

### Preparation and Storage

<b>Stability and Storage</b>	Shipped at 4°C. Store at -20°C. Constituents: 0.32% Tris HCl, 0.58% Sodium chloride
<b>Reconstitution</b>	Reconstitute with water to desired concentration.

### General Info

<b>Tissue specificity</b>	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 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.
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<b>Sequence similarities</b>	Contains 3 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 PLAC domain. Contains 10 TSP type-1 domains.
<b>Post-translational modifications</b>	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.
<b>Cellular localization</b>	Secreted, extracellular space, extracellular matrix.

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

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- Response to your inquiry within 24 hours
  
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