

## ADAMTSL1/Punctin Protein, Human (sf9, His)

Cat. No.:	HY-P76135
Synonyms:	ADAMTS-like protein 1; ADAMTSL-1; Punctin-1; ADAMTSR1; C9orf94
Species:	Human
Source:	Sf9 insect cells
Accession:	Q8N6G6-2 (M1-H439)
Gene ID:	92949
Molecular Weight:	Approximately 48 kDa.

### PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20 mM Tris, 500 mM NaCl, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	ADAMTSL1, a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motif) family, encodes a secreted protein. In contrast to typical ADAMTS family members, this protein lacks the metalloproteinase and disintegrin-like domains but retains other ADAMTS domains, including the thrombospondin type 1 motif. The protein is likely involved in crucial functions within the extracellular matrix. Alternative splicing generates multiple transcript variants, each encoding distinct proteins.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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