

Datasheet for ABIN7275725

THSD7A Protein (AA 48-1607) (His tag)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	THSD7A
Protein Characteristics:	AA 48-1607
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This THSD7A protein is labelled with His tag.

Product Details

Purpose:	Human THSD7A Protein
Sequence:	Ala48-Trp1607
Characteristics:	Recombinant Human THSD7A Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ala48-Trp1607.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	THSD7A
Alternative Name:	THSD7A (THSD7A Products)

Target Details

Background:	Thrombospondin type I domain-containing 7A (THSD7A), is a specific autoantigen of adult idiopathic membranous nephropathy (IMN), whose circulating antibody (THSD7A-AB) represents a promising biomarker for diagnosis of IMN.
Molecular Weight:	176.22 kDa. Due to glycosylation, the protein migrates to 180-240 kDa based on Tris-Bis PAGE result.
UniProt:	Q9UPZ6

Application Details

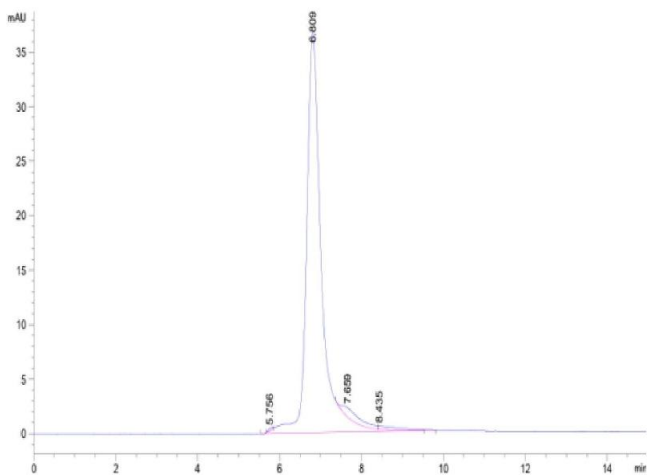
Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 1. The purity of Human THSD7A is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 2. Human THSD7A on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

