

# Human THSD7A Protein

Cat. No. THS-HM17A



## Description

<b>Source</b>	Recombinant Human THSD7A Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ala48–Trp1607.
<b>Accession</b>	Q9UPZ6
<b>Molecular Weight</b>	The protein has a predicted MW of 176.22 kDa. Due to glycosylation, the protein migrates to 180-240 kDa based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

## Formulation and Storage

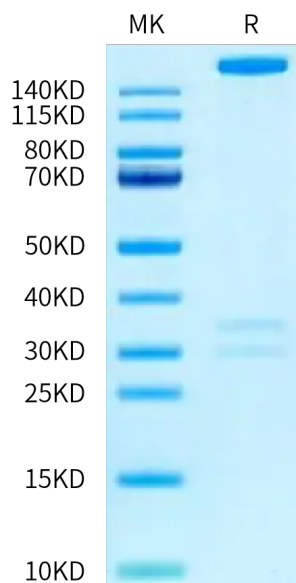
<b>Formulation</b>	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
<b>Storage</b>	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

## 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.

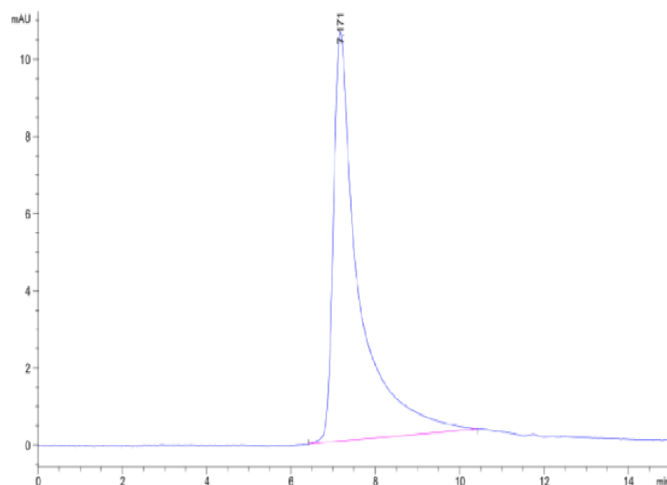
## Assay Data

### Bis-Tris PAGE



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

### SEC-HPLC



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