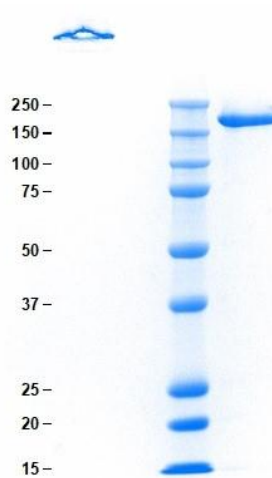


Gel Scan of Representative Lot Thrombospondin

ART Catalog No. 16-20-201319



SDS-PAGE

12% TG Gel; 1x TGSDS

1. Thrombospondin 10 µg (Not Heated/Non-Reduced)
2. Blank
3. Standard
4. Thrombospondin 10 µg (Heated/Reduced)

Protein Determination:

Extinction Coefficient (E) = 0.91 (0.1% at 280 nm,
1 cm pathway)

Molecular Weight:

420,000 Da

Physical Specifications:

Form: Lyophilized

Purity: ≥ 95% by SDS-PAGE

Considerations:

Storage Conditions: ≤ -20 °C

Stability: > 1 year

Buffer:

Lyophilized from 20 mM Tris-HCl, pH 8.0, with
600 mM NaCl, 2 mM CaCl₂, and 20% sucrose

Product Datasheet

Product:	Thrombospondin
Catalog #:	16-20-201319
Form:	Lyophilized
Available Packaging:	25 µg, 100 µg, and 1 mg. Larger aliquots are available upon request.
Buffer:	Lyophilized from 20 mM Tris-HCl, pH 8.0, with 600 mM NaCl, 2 mM CaCl ₂ , and 20% sucrose
Reconstitution	After centrifugation, we suggest adding de-ionized H ₂ O to the original volume, followed by gentle mixing to ensure adequate homogenization. This product may precipitate at concentrations greater than 0.50 mg/ml.
Purity:	≥ 95% by SDS-PAGE
Molecular Weight:	420,000 Da
Native Structure:	Homotrimer
Subunit:	142,000 Da
Protein Determination:	Extinction Coefficient (E) = 0.91 (0.1% at 280 nm, 1 cm pathway)
Storage/Handling:	≤ -20 °C
Stability:	> 1 year
Source:	Human Platelet
Testing:	Donor material is obtained from suppliers that perform a comprehensive infectious disease screening panel. This material has been tested and found negative for HIV-1/2 antibodies, HBsAg, HCV antibodies, HIV-1 RNA, HBV DNA, HCV RNA, HTLV-I/II antibodies, and syphilis (RPR). Documentation of testing is maintained and available upon request.

Product Link: <https://www.athensresearch.com/products/all/thrombospondin-human-platelet>

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY