

## Thrombospondin, human

<b>ALTERNATE NAMES:</b>	TSP, TSP-1, TSP1, THBS, THBS-1, THBS1
<b>CATALOG #:</b>	4806-25
<b>AMOUNT:</b>	25 µg
<b>SOURCE:</b>	Human platelet . Shown to be non-reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.
<b>PURITY:</b>	≥95% by SDS-PAGE
<b>MOLECULAR WT:</b>	420 kDa (Homotrimer)
<b>FORM:</b>	Lyophilized from from 20 mM Tris-HCl, pH 8.0, with 600 mM NaCl, 2 mM CaCl <sub>2</sub> , and 20% sucrose
<b>STORAGE:</b>	≤-20°C
<b>RECONSTITUTION:</b>	Deionized water at a concentration range of 0.20-0.50 mg/ml
<b>DESCRIPTION:</b>	Thrombospondin (TSP) is a cellular adhesion protein isolated from human platelets that had been stimulated with thrombin . TSP is a component of the coagulation mechanism and is believed to have potential as a marker for platelet activation and renal failure. Found in multiple biological processes including angiogenesis, apoptosis, activation of TGF-β and immune regulation.
<b>HANDLING:</b>	Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

### RELATED PRODUCTS:

Thrombospondin, human (**Cat. No. 4805-10**)

**FOR RESEARCH USE ONLY! Not to be used on humans.**