

## Thrombospondin, human

**ALTERNATE NAMES:** TSP, TSP-1, TSP1, THBS, THBS-1, THBS1

**CATALOG #:** 4806-25

**AMOUNT:** 25 µg

**SOURCE:** Human platelet . Shown to be non-reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.

**PURITY:** ≥95% by SDS-PAGE

**MOLECULAR WT:** 420 kDa (Homotrimer)

**FORM:** Lyophilized from from 20 mM Tris-HCl, pH 8.0, with 600 mM NaCl, 2 mM CaCl<sub>2</sub>, and 20% sucrose

**STORAGE:** ≤-20°C

**RECONSTITUTION:** Deionized water

**DESCRIPTION:** 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.

### RELATED PRODUCTS:

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

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**USAGE:** For *in vitro* research use only! Not to be used in humans.