

Thrombospondin, human recombinant protein
Thrombospondin-1, THBS1, TSP, TSP1, THBS, THBS-1
Catalog # PBV10419r**Specification**

Thrombospondin, human recombinant protein - Product info

Primary Accession [P07996](#)
Calculated MW **180 kDa in reducing gel KDa**

Thrombospondin, human recombinant protein - Additional Info

Gene ID **7057**
Gene Symbol **TSP1**
Other Names
Thrombospondin-1, THBS1, TSP, TSP1, THBS, THBS-1

Gene Source **Human**
Source **Baculovirus (Sf9 insect cells)**
Assay&Purity **SDS-PAGE; ≥98%**
Assay2&Purity2 **HPLC; ≥98%**
Recombinant **Yes**
Application Notes
Reconstitute with water at the concentration 0.1 mg/ml.

Format
Lyophilized protein

Storage
-20°C; Lyophilized from 20 mM sodium phosphate, pH 6.0, 300 mM NaCl and 0.1% BSA.

Thrombospondin, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Thrombospondin, human recombinant protein - Images**Thrombospondin, human recombinant protein - Background**

Thrombospondin-1 is believed to play a role in cell migration and proliferation, during embryogenesis and wound repair. Also, it has been used as a potential regulator of tumor growth

and metastasis. TSP expression is highly regulated by different hormones and cytokines and is developmentally controlled. TSP stimulates the growth of Vascular smooth muscle cells and human foreskin fibroblasts, a combination of IFN- γ and TNF- α inhibits TSP production in these cells. Recombinant Human Thrombospondin is glycosylated with N-linked sugars and produced using baculovirus vectors in insect cells. Human Thrombospondin is purified by proprietary chromatographic techniques.