

Recombinant Human Thrombospondin (TSP-1)

CATALOG NO:	4805-10	10 µg
	4805-50	50 µg
	4805-1000	1 mg
SOURCE:	<i>Insect cells</i>	
PURITY:	≥ 98% as determined by SDS-PAGE	
ENDOTOXIN:	Less than 0.1 ng/µg of human Thrombospondin	
MOLECULAR WEIGHT:	180 kDa in reducing gel.	
PHYSICAL APPEARANCE:	Lyophilized from 50 mM Tris buffer, pH 8.0.	
RECONSTITUTION:	Reconstitute with water at the concentration 0.1 mg/ml.	
STORAGE CONDITIONS:	Store at -20°C. Please prevent freeze-thaw cycles.	

DESCRIPTION:

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-gamma and TNF-alpha 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.

FOR RESEARCH US EONLY! Not to be used on humans.

RELATED PRODUCTS:

Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione Fluorometric & Colorimetric Assay Kits
- Nitric Oxide Fluorometric & Colorimetric Assay Kits

Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP & PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

Molecular Biology & Reporter Assays

- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- Luciferase and Beta-Gal Reporter Assays

Antibodies & Recombinant Proteins (many)

Growth Factors and Cytokines